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50 CFR Ch. I (10–1–12 Edition)

747–70 FR 17916; April 8, 2005.
 748–70 FR 69465; November 16, 2005.
 754–70 FR 58350; October 6, 2005.
 755–70 FR 66706; November 2, 2005.
 756–71 FR 26851; May 9, 2006.
 757–71 FR 40673; July 18, 2006.
 758–71 FR 42314; July 26, 2006.
 759–72 FR 14938; March 29, 2007.
 760–73 FR 3178; January 16, 2008.
 761–73 FR 74370; December 8, 2008.
 763–74 FR 46930; September 14, 2009.
 764–74 FR 52010; October 8, 2009.
 765–75 FR 19045; April 13, 2010.
 766–75 FR 249; January 5, 2010.
 767–75 FR 43853, 43864; July 27, 2010.
 769–75 FR 21188; April 23, 2010.
 770–75 FR 33053; June 7, 2011.
 771–75 FR 45526; August 3, 2010.
 774–75 FR 81814; December 28, 2010.
 775–75 FR 59656; September 28, 2010.
 776–76 FR 20560; April 13, 2011.
 777–75 FR 67539; November 2, 2010.
 778–75 FR 53604; September 1, 2010.
 779–76 FR 30780; May 26, 2011.
 781–75 FR 76132; December 7, 2010.
 782–76 FR 25609; May 5, 2011.
 783–76 FR 50079; August 11, 2011.
 784–76 FR 9691; February 22, 2011.
 785–76 FR 6080; February 3, 2011.
 787–76 FR 18102; April 1, 2011.
 789–76 FR 31873; June 2, 2011.
 791–76 FR 48741; August 9, 2011.
 793–76 FR 58994; September 22, 2011.
 794–76 FR 58950; September 22, 2011.
 795–76 FR 61978; October 6, 2011.
 796–76 FR 62954; October 11, 2011.
 798–77 FR 8664; February 14, 2012.
 799–77 FR 43467; July 24, 2012.

800–77 FR 16717; March 22, 2012.
 801–77 FR 20986; April 6, 2012.
 803–77 FR 26211; May 3, 2012.
 807–77 FR 45893; August 1, 2012.

EDITORIAL NOTES: 1. For FEDERAL REGISTER citations affecting the table in §17.11(h), see the listing above.

2: For FEDERAL REGISTER citations affecting §17.11, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

3. At 77 FR 20986, Apr. 6 2012, the table in §17.11(h) was amended by adding new entries for “Butterfly, cassius blue”, “Butterfly, ceraunus blue”, and “Butterfly, nickerbean blue”; however, the amendment could not be incorporated.

EFFECTIVE DATE NOTE: At 77 FR 57744, Sept. 18, 2012, §17.11(h), the List of Endangered and Threatened Wildlife, was amended by adding entries for “Damselfly, blackline Hawaiian”, “Damselfly, crimson Hawaiian”, and “Damselfly, oceanic Hawaiian”, in alphabetical order under INSECTS, effective Oct. 18, 2012. For the convenience of the user, the added text is set forth as follows:

§ 17.11 Endangered and threatened wildlife.

* * * * *
 (h) * * *

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
*	*	*	*	*	*	*	*
INSECTS							
*	*	*	*	*	*	*	*
Damselfly, blackline Hawaiian.	<i>Megalagrion nigrohamatum nigrolineatum.</i>	U.S.A. (HI)	NA	E	.....	17.95(i)	NA
Damselfly, crimson Hawaiian.	<i>Megalagrion leptodemas.</i>	U.S.A. (HI)	NA	E	.....	17.95(i)	NA
*	*	*	*	*	*	*	*
Damselfly, oceanic Hawaiian.	<i>Megalagrion oceanicum.</i>	U.S.A. (HI)	NA	E	.....	17.95(i)	NA
*	*	*	*	*	*	*	*

§ 17.12 Endangered and threatened plants.

(a) The list in this section contains the names of all species of plants which have been determined by the Services

to be Endangered or Threatened. It also contains the names of species of plants treated as Endangered or

Threatened because they are sufficiently similar in appearance to Endangered or Threatened species (see §17.50 *et seq.*).

(b) The columns entitled "Scientific name" and "Common name" define the species of plant within the meaning of the Act. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. The Services shall use the most recently accepted scientific name. In cases in which confusion might arise, a synonym(s) will be provided in parentheses. The Services shall rely to the extent practicable on the *International Code of Botanical Nomenclature*.

(c) In the "Status" column the following symbols are used: "E" for Endangered, "T" for Threatened, and "E [or T] (S/A)" for similarity of appearance species.

(d) The other data in the list are non-regulatory in nature and are provided for the information of the reader. In the annual revision and compilation of this title, the following information may be amended without public notice: the spelling of species' names, historical range, footnotes, references to certain other applicable portions of this title, synonyms, and more current names. In any of these revised entries, neither the species, as defined in paragraph (b) of this section, nor its status may be changed without following the procedures of part 424 of this title.

(e) The "Historic range" indicates the known general distribution of the species or subspecies as reported in the current scientific literature. The present distribution may be greatly reduced from this historic range. This column does not imply any limitation on the application of the prohibitions in the Act or implementing rules. Such prohibitions apply to all individuals of the plant species, wherever found.

(f)(1) A footnote to the FEDERAL REGISTER publication(s) listing or reclassifying a species is indicated under the column "When listed." Footnote numbers to §§17.11 and 17.12 are in the same numerical sequence, since plants and animals may be listed in the same FEDERAL REGISTER document. That document, at least since 1973, includes a statement indicating the basis for the listing, as well as the effective date(s) of said listing.

(2) The "Special rules" and "Critical habitat" columns provide a cross reference to other sections in parts 17, 222, 226, or 227. The "Special rules" column will also be used to cite the special rules which describe experimental populations and determine if they are essential or nonessential. Separate listings will be made for experimental populations, and the status column will include the following symbols: "XE" for an essential experimental population and "XN" for a nonessential experimental population. The term "NA" (not applicable) appearing in either of these two columns indicates that there are no special rules and/or critical habitat for that particular species. However, all other appropriate rules in parts 17, 217 through 227, and 402 still apply to that species. In addition, there may be other rules in this title that relate to such plants, e.g., port-of-entry requirements. It is not intended that the references in the "Special rules" column list all the regulations of the two Services which might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The listing of a particular taxon includes all lower taxonomic units (see §17.11(g) for examples).

(h) The "List of Endangered and Threatened Plants" is provided below:

Species		Common name	Historic range	Family	Status	When listed	Critical habi- tat	Special rules
Scientific name								
FLOWERING PLANTS								
<i>Abronia macrocarpa</i>		Large-fruited sand-verbena	U.S.A. (TX)	Nyctaginaceae	E	331	NA	NA
<i>Abutilon eremtopetalum</i>		None	U.S.A. (HI)	Malvaceae	E	435	NA	NA
<i>Abutilon menziesii</i>		Ko'olou'ula	.....do	.....do	E	243	NA	NA
<i>Abutilon sandwicense</i>		None	.....do	.....do	E	448	17.99(f)	NA
<i>Acacia exigua</i>		Lihual	.....do	Rosaceae	E	467	NA	NA
<i>Acanthomintha illicifolia</i>		San Diego thornmint	U.S.A. (CA), Mexico	Lamiaceae	T	649	17.96(a)	NA
<i>Acanthomintha obovata</i> ssp. <i>duttonii</i>		San Mateo thornmint	U.S.A. (CA)	.....do	E	204	NA	NA
<i>Achyranthes mutica</i>		None	U.S.A. (HI)	Amaranthaceae	E	592	17.99(k)	NA
<i>Achyranthes splendens</i> var. <i>rotundata</i>		Round-leaved chaff-flower	.....do	.....do	E	220	NA	NA
<i>Aconitum noveboracense</i>		Northern wild monkshood	U.S.A. (IA, NY, OH, WI)	Ranunculaceae	T	39	NA	NA
<i>Aeschynomene virginica</i>		Sensitive joint-vetch	U.S.A. (DE, MD, NC, NJ, PA, VA)	Fabaceae	T	470	NA	NA
<i>Agalinis acuta</i>		Sandplain gerardia	U.S.A. (CT, MA, MD, NY, RI)	Scrophulariaceae	E	325	NA	NA
<i>Alectryon macrococcus</i>		Mahoe	U.S.A. (HI)	Sapindaceae	E	467	17.99(a)(1), (c), (e)(1), and (f)	NA
<i>Allium munzii</i>		Munz's onion	U.S.A. (CA)	Liliaceae-Lily	E	650	17.96(a)	NA
<i>Alopecurus aequalis</i> var. <i>somomensis</i>		Sonoma alopecurus	.....do	Poaceae	E	625	NA	NA
<i>Alsindendron lychnoides</i>		Kuawawaenohu	U.S.A. (HI)	Caryophyllaceae	E	590	17.99(a)(1)	NA
<i>Alsindendron obovatum</i>		None	.....do	.....do	E	448	17.99(f)	NA
<i>Alsindendron trinerve</i>		.....do	.....do	.....do	E	448	17.99(f)	NA
<i>Alsindendron viscosum</i>		.....do	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Amaranthus brownii</i>		.....do	.....do	Amaranthaceae	E	587	17.99(g)	NA
<i>Amaranthus pumilus</i>		Seabeach amaranth	U.S.A. (DE, MA, MD, NC, NJ, NY, RI, SC, VA)	.....do	T	498	NA	NA
<i>Ambrosia cheiranthifolia</i>		South Texas ambrosia	U.S.A. (TX)	Asteraceae	E	547	NA	NA
<i>Ambrosia pumila</i>		San Diego ambrosia	U.S.A. (CA), Mexico	.....do	E	727	17.96	NA
<i>Amorpha crenulata</i>		Crenulate lead-plant	U.S.A. (FL)	Fabaceae	E	192	NA	NA
<i>Amphianthus pusillus</i>		Little amphianthus	U.S.A. (AL, GA, SC)	Scrophulariaceae	T	302	NA	NA
<i>Amsinckia grandiflora</i>		Large-flowered fiddleneck	U.S.A. (CA)	Boraginaceae	E	179	17.96(a)	NA
<i>Amsinckia keameyana</i>		Kearney's blue-star	U.S.A. (AZ)	Apocynaceae	E	343	NA	NA
<i>Anastrocactus tobuschii</i>		Tobusch fishhook cactus	U.S.A. (TX)	Cactaceae	E	80	NA	NA
<i>Aplos priceana</i>		Price's potato-bean	U.S.A. (AL, IL, KY, MS, TN)	Fabaceae	T	373	NA	NA
<i>Arabis hofmannii</i>		Hofmann's rock-cress	U.S.A. (CA)	Brassicaceae	E	623	NA	NA
<i>Arabis mcdonaldiana</i>		McDonald's rock-cress	.....do	.....do	E	44	NA	NA
<i>Arabis perstellata</i>		Braun's Rock-cress	U.S.A. (KY, TN)	.....do	E	570	17.96(a)	NA
<i>Arabis serotina</i>		Shale barren rock-cress	U.S.A. (VA, WV)	.....do	E	352	NA	NA
<i>Arctomecon humilis</i>		Dwarf bear-poppy	U.S.A. (UT)	Papaveraceae	E	78	NA	NA
<i>Arctostaphylos confertiflora</i>		Santa Rosa Island manzanita	U.S.A. (CA)	Ericaceae	E	623	NA	NA
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>		Del Mar manzanita	U.S.A. (CA), Mexico	.....do	E	589	NA	NA
<i>Arctostaphylos hookeri</i> var. <i>ravenii</i>		Presidio manzanita	U.S.A. (CA)do	E	65	NA	NA

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Arctostaphylos morroensisdo	Morro manzanitado	567	NA	NA
Arctostaphylos myrtifoliado	lone manzanitado	661	NA	NA
Arctostaphylos pallida	.....do	Pallid manzanita	.....do	695	NA	NA
Arenaria cumberlandensis	U.S.A. (KY, TN)	Cumberland sandwort	U.S.A. (KY, TN)	311	NA	NA
Arenaria paludicola	U.S.A. (CA, OR, WA)	Marsh sandwort	U.S.A. (CA, OR, WA)	511	NA	NA
Arenaria ursina	U.S.A. (CA)	Bear Valley sandwort	U.S.A. (CA)	644	17.96(a)	NA
Argemone plicacantha ssp. pinnatisecta	U.S.A. (NM)	Sacramento prickly-poppy	U.S.A. (NM)	360	NA	NA
Argyroxiphium kauense	U.S.A. (HI)	Mauna Loa silversword	U.S.A. (HI)	497	17.99(k)	NA
Argyroxiphium sandwicense ssp. macrocephalum	.....do	'Ahihahina	.....do	467	17.99(e)(1)	NA
Argyroxiphium sandwicense ssp. sandwicense	.....do	'Ahihahina	.....do	219	NA	NA
Aristida chrysantha	U.S.A. (PR)	None	U.S.A. (PR)	501	NA	NA
Aristida porticensis	.....do	Pelos del diablo	U.S.A. (IA, IL, IN, KS, MO, WI)	398	NA	NA
Asclepias meadii	U.S.A. (AZ, UT)	Mead's milkweed	U.S.A. (AZ, UT)	321	NA	NA
Asclepias welschii	U.S.A. (FL)	Welsh's milkweed	U.S.A. (AZ, UT)	295	17.96(a)	NA
Asimina tetramera	U.S.A. (HI)	Four-petal pawpaw	U.S.A. (FL)	244	NA	NA
Astella waiialeale	U.S.A. (CA)	Painiui	U.S.A. (HI)	765	17.99(a)	NA
Astragalus albens	U.S.A. (UT)	Cushenbury milk-veitch	U.S.A. (CA)	548	17.96(a)	NA
Astragalus ampullarioides	U.S.A. (OR)	Shiwits milk-veitch	U.S.A. (UT)	711	17.96(a)	NA
Astragalus applegatei	U.S.A. (TN)	Applegate's milk-veitch	U.S.A. (OR)	510	NA	NA
Astragalus bulbilatus	U.S.A. (CA)	Guthrie's (=Pyne's) ground-plum	U.S.A. (TN)	437	NA	NA
Astragalus brauntonii	.....do	Braunton's milk-veitch	U.S.A. (CA)	606	17.96(a)	NA
Astragalus clarianus	.....do	Ciara Hunt's milk-veitch	.....do	625	NA	NA
Astragalus crennophylax var. crennophylax	U.S.A. (AZ)	Sentry milk-veitch	U.S.A. (AZ)	409	NA	NA
Astragalus desereticus	U.S.A. (UT)	Deseret milk-veitch	U.S.A. (UT)	668	NA	NA
Astragalus holmgreniorum	U.S.A. (UT, AZ)	Holmgren milk-veitch	U.S.A. (UT, AZ)	711	17.96(a)	NA
Astragalus humillimus	U.S.A. (CO, NM)	Mancos milk-veitch	U.S.A. (CO, NM)	187	NA	NA
Astragalus jaegerianus	.....do	Lane Mountain milk-veitch	U.S.A. (CA)	647	17.96(a)	NA
Astragalus lentiginosus var. coachellae	.....do	Coachella Valley milk-veitch	.....do	647	17.96(a) (No areas designated)	NA
Astragalus lentiginosus var. piscinensis	.....do	Fish Slough milk-veitch	.....do	647	17.96(a)	NA
Astragalus magdalenae var. peirsonii	U.S.A. (UT)	Peirson's milk-veitch	.....do	647	17.96(a)	NA
Astragalus montii	U.S.A. (CO)	Heliotrope milk-veitch	U.S.A. (UT)	298	17.96(a)	NA
Astragalus osterhoutii	U.S.A. (NV)	Osterhout milk-veitch	U.S.A. (CO)	353	NA	NA
Astragalus phoenix	U.S.A. (CA)	Ash Meadows milk-veitch	U.S.A. (NV)	181	17.96(a)	NA
Astragalus pycnostachyus var. lanosissimus	U.S.A. (NH, VT)	Ventura Marsh milk-veitch	U.S.A. (CA)	708	17.96(a)	NA
Astragalus robbinsii var. jesupii	U.S.A. (CA)	Jesup's milk-veitch	U.S.A. (NH, VT)	271	NA	NA
Astragalus tener var. tili	.....do	Coastal dunes milk-veitch	U.S.A. (CA)	640	NA	NA
Astragalus tricaratus	U.S.A. (TX), Mexico	Triple-ribbed milk-veitch	.....do	647	NA	NA
Astrophytum asterias	U.S.A. (CA)	Star cactus	U.S.A. (TX), Mexico	521	NA	NA
Atriplex coronata var. notatiflor	.....do	San Jacinto Valley crownscale	U.S.A. (CA)	650	17.96 (a) (No areas designated)	NA

Species		Common name	Historic range	Family	Status	When listed	Critical habitat	Special rules
Scientific name								
<i>Aueodendron pauciflorum</i>	None	U.S.A. (PR)	Rhamnaceae	E	531	NA	NA	
<i>Ayenia limitata</i>	Texas ayenia	U.S.A. (TX), Mexico	Sterculiaceae	E	547	NA	NA	
<i>Baccharis vanessae</i>	Encinitas baccharis	U.S.A. (CA)	Asteraceae	T	589	NA	NA	
<i>Banara vanderbilii</i>	Palo de Ramón	U.S.A. (PR)	Flacourtiaceae	E	255	NA	NA	
<i>Baptisia arachnifera</i>	Hairy rattleseed	U.S.A. (GA)	Fabaceae	E	39	NA	NA	
<i>Berberis nevini</i>	Nevin's barberry	U.S.A. (CA)	Berberidaceae	E	648	17.96(a)	NA	
<i>Berberis pinnata</i> ssp. <i>insularis</i>	Island barberry	.....do	.....do	E	623	NA	NA
<i>Betula uber</i>	Virginia round-leaf birch	U.S.A. (VA)	Betulaceae	T	39, 560	17.96(b) and 17.99(e)(1)	NA	
<i>Bidens micrantha</i> ssp. <i>kalealaha</i>	Kookoolau	U.S.A. (HI)	Asteraceae	E	467	17.96(b) and 17.99(e)(1)	NA	
.....do	.....do	.....do	.....do	E	480	17.96(c)	NA
<i>Blennosperma bakeri</i>	Sonoma sunshine	U.S.A. (CA)	.....do	E	453	NA	NA
<i>Boltonia decurrens</i>	Decurrent false aster	U.S.A. (IL, MO)	.....do	T	341	NA	NA
<i>Bonania grandiflora</i>	Florida bonania	U.S.A. (FL)	Convolvulaceae	T	297	NA	NA	
<i>Bonania menziesii</i>	None	U.S.A. (HI)	.....do	E	559	17.99(a)(1), (e)(1), (i), and (k)	NA
<i>Brightamia insignis</i>	Olulu	.....do	Campanulaceae	E	530	17.99(a)(1)	NA
<i>Brightamia rockii</i>	Pua ala	.....do	.....do	E	480	17.99(b) and 17.99(c) and (e)(1)	NA
<i>Brodiaea filifolia</i>	Thread-leaved brodiaea	U.S.A. (CA)	Themidaceae	T	650	17.96(a)	NA	
<i>Brodiaea pallida</i>	Chinese Camp brodiaea	.....do	Liliaceae	T	643	NA	NA
<i>Buxus vahlii</i>	Vahl's boxwood	U.S.A. (PR, VI)	Buxaceae	E	197	NA	NA	
<i>Caesalpinia kavaiense</i>	Uhiuhi	U.S.A. (HI)	Fabaceae	E	236	NA	NA	
<i>Calliocalpa ampla</i>	Capá rosa	U.S.A. (PR)	Verbenaceae	E	461	NA	NA	
<i>Callirhoe scabriuscula</i>	Texas poppy-mallow	U.S.A. (TX)	Malvaceae	E	109, 112	NA	NA	
<i>Calochortus tiburonensis</i>	Tiburon mariposa lily	U.S.A. (CA)	Liliaceae	T	529	NA	NA	
<i>Calyptranthes thomasiana</i>	None	U.S.A. (PR, VI) British VI	Myrtaceae	E	575	NA	NA	
<i>Calyptridium pulchellum</i>	Mariposa pussypaws	U.S.A. (CA)	Portulacaceae	T	643	NA	NA	
<i>Calyptrazonia rivalis</i>	Palma de manaca	U.S.A. (PR)	Arecaceae	T	375	NA	NA	
<i>Calystegia stebbinsi</i>	Stebbins' morning-glory	U.S.A. (CA)	Convolvulaceae	E	596	NA	NA	
<i>Camissonia benitensis</i>	San Benito evening-primrose	.....do	Onagraceae	T	172	NA	NA
<i>Campanula robiniae</i>	Brookville bellflower	U.S.A. (FL)	Campanulaceae	E	356	NA	NA	
<i>Canavalia molokaiensis</i>	Awikiwiki	U.S.A. (HI)	Fabaceae	E	480	17.99(c)	NA	
.....do	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Cardamine micranthera</i>	Small-anthered bittercress	U.S.A. (NC, VA)	Brassicaceae	E	363	NA	NA	
<i>Carex abida</i>	White sedge	U.S.A. (CA)	Cyperaceae	E	625	NA	NA	
<i>Carex lutea</i>	Golden sedge	U.S.A. (NC)	.....do	E	721	17.96(a)	NA
<i>Carex specuicola</i>	Navajo sedge	U.S.A. (AZ, UT)	.....do	T	178	17.96(a)	NA
<i>Casilleja affinis</i> ssp. <i>neglecta</i>	Tiburon paintbrush	U.S.A. (CA)	Scrophulariaceae	E	575	NA	NA	
<i>Casilleja campestris</i> ssp. <i>succulenta</i>	Fleshy owl's-clover	.....do	.....do	T	611	17.96(a)	NA
<i>Casilleja cinerea</i>	Ash-gray Indian paintbrush	.....do	Orobanchaceae	T	644	17.96(a)	NA
<i>Casilleja grisea</i>	San Clemente Island Indian paintbrushdo	Scrophulariaceae	E	26	NA	NA	

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<i>Casilleja levisecta</i>	Golden paintbrush	U.S.A. (OR, WA), Canada (B.C.)do	T	615	NA
<i>Casilleja mollis</i>	Soft-leaved paintbrush	U.S.A. (CA)do	E	623	NA
<i>Catesbaea melanocarpa</i>	None	U.S.A. (PR, VI), Antigua, Barbuda, Guadalupe	Rubiaceae	E	657	17.96(a)
<i>Caulanthus californicus</i>	California jewelflower	U.S.A. (CA)	Brassicaceae	E	395	NA
<i>Ceanothus terisae</i>	Coyote ceanothus .....	.....do	Rhamnaceae	E	575	NA
<i>Ceanothus ophiochilus</i>	Vail Lake ceanothus .....	.....do .....	.....do	T	648	17.96(a)
<i>Ceanothus roderickii</i>	Pine Hill ceanothus .....	.....do .....	.....do	E	596	NA
<i>Cenchrus agrionoides</i>	Kamanomano	U.S.A. (HI)	Poaceae	E	592	17.99(e)(1) and (f)
<i>Centaureum namophilum</i>	Spring-loving centaury	U.S.A. (CA, NV)	Gentianaceae	T	181	17.96(a)
<i>Centaureum seabaeoides</i>	Awiiwi	U.S.A. (HI)	.....do	E	448	17.99(a)(1), (c), (e)(1), and (f)
<i>Cercocarpus traskiae</i>	Catalina Island mountain-mahogany	U.S.A. (CA)	Rosaceae	E	624	NA
<i>Cereus eriophorus</i> var. <i>fragrans</i>	Fragrant prickly-apple	U.S.A. (FL)	Cactaceae	E	208	NA
<i>Chamaecrista glandulosa</i> var. <i>mirabilis</i>	None	U.S.A. (PR)	Fabaceae	E	379	NA
<i>Chamaesyce celastroides</i> var. <i>kaenana</i>	Akoko	U.S.A. (HI)	Euphorbiaceae	E	448	17.99(f)
<i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i>	Deltoid spurge	U.S.A. (FL)	.....do	E	192	NA
<i>Chamaesyce deppeana</i>	Akoko	U.S.A. (HI)	.....do	E	536	17.99(f)
<i>Chamaesyce eleanoriae</i> .....	.....do .....	.....do .....	.....do	E	765	17.99(a)
<i>Chamaesyce garberi</i>	Garber's spurge	U.S.A. (FL)	.....do	T	192	NA
<i>Chamaesyce halemanui</i>	None	U.S.A. (HI)	.....do	E	464	17.99(a)(1)
<i>Chamaesyce herbasti</i>	Akoko .....	.....do .....	.....do	E	591	17.99(f)
<i>Chamaesyce hooveri</i>	Hoover's spurge	U.S.A. (CA)	.....do	T	611	17.96(a)
<i>Chamaesyce kuwaleana</i>	Akoko	U.S.A. (HI)	.....do	E	448	17.99(f)
<i>Chamaesyce remyi</i> var. <i>remyi</i> .....	.....do .....	.....do .....	.....do	E	765	17.99(a)
<i>Chamaesyce remyi</i> var. <i>remyi</i> .....	.....do .....	.....do .....	.....do	E	765	17.99(a)
<i>Chamaesyce rockii</i> .....	.....do .....	.....do .....	.....do	E	591	17.99(f)
<i>Chamaesyce skottsbergii</i> var. <i>kalaloana</i>	Ewa Plains akoko .....	.....do .....	.....do	E	120	NA
<i>Charpentiera densiflora</i>	Papala .....	.....do	Amaranthaceae	E	765	17.99(a)
<i>Chionanthus pygmaeus</i>	Pygmy fringe-tree	U.S.A. (FL)	Oleaceae	E	256	NA
<i>Chorogalum purpureum</i>	Purple amole (Camatta Canyon amole)	U.S.A. (CA)	Liliaceae—Lily	T	689	17.96(a)
<i>Chorizanthe howellii</i>	Howell's spineflower .....	.....do	Polygonaceae	E	472	NA
<i>Chorizanthe ocuttiana</i>	Orcutt's spineflower .....	.....do .....	.....do	E	589	NA
<i>Chorizanthe purgens</i> var. <i>hartwegiana</i>	Ben Lomond spineflower .....	.....do .....	.....do	E	528	NA
<i>Chorizanthe purgens</i> var. <i>purgens</i>	Monterey Spineflower .....	.....do	Polygonaceae—Buckwheat	T	528	17.96(a)
<i>Chorizanthe robusta</i> var. <i>hartwegii</i>	Scotts Valley spineflower .....	.....do .....	.....do	E	528	17.96(a)
<i>Chorizanthe robusta</i> var. <i>robusta</i>	Robust Spineflower .....	.....do .....	.....do	E	528	17.96(b)
<i>Chorizanthe valida</i>	Sonoma spineflower .....	.....do	Polygonaceae	E	472	NA
<i>Chrysopsis floridana</i>	Florida golden aster	U.S.A. (FL)	Asteraceae	E	232	NA

Species		Common name	Historic range	Family	Status	When listed	Critical habi- tat	Special rules
Scientific name								
<i>Cirsium fontinale</i> var. <i>fontinale</i>	Fountain thistle	U.S.A. (CA) .....	.....do.....	.....do.....	E	575	NA	NA
<i>Cirsium fontinale</i> var. <i>obispoense</i>	Chorro Creek bog thistle .....	.....do.....	.....do.....	.....do.....	E	567	NA	NA
<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i>	Suisun thistle .....	.....do.....	.....do.....	.....do.....	E	627	17.96 (a)	NA
<i>Cirsium loncholepis</i>	La Graciosa thistle .....	.....do.....	.....do.....	Asteraceae—Sunflower	E	691	17.96(a)	NA
<i>Cirsium plicieri</i>	Plicher's thistle	U.S.A. (IL, IN, MI, WI), Canada (Ont.) .....	.....do.....	Asteraceae	T	315	NA	NA
<i>Cirsium vineaceum</i>	Sacramento Mountains thistle	U.S.A. (NM) .....	.....do.....	.....do.....	T	276	NA	NA
<i>Clarkia franciscana</i>	Presidio clarkia	U.S.A. (CA) .....	.....do.....	Ornithograceae	E	575	NA	NA
<i>Clarkia imbricata</i>	Vine Hill clarkia .....	.....do.....	.....do.....	.....do.....	E	625	NA	NA
<i>Clarkia speciosa</i> ssp. <i>immaculata</i>	Pismo clarkia .....	.....do.....	.....do.....	.....do.....	E	567	NA	NA
<i>Clarkia springvillensis</i>	Springville clarkia .....	.....do.....	.....do.....	.....do.....	T	643	NA	NA
<i>Clematis morefieldii</i>	Morefield's leather-flower	U.S.A. (AL) .....	.....do.....	Ranunculaceae	E	468	NA	NA
<i>Clematis socialis</i>	Alabama leather-flower .....	.....do.....	.....do.....	.....do.....	E	245	NA	NA
<i>Clermontia drepanomorpha</i>	Oha wai	U.S.A. (HI) .....	.....do.....	Campanulaceae	E	595	17.99(k)	NA
<i>Clermontia lindseyana</i> .....	.....do.....	.....do.....	.....do.....	.....do.....	E	532	17.99(e)(1) and (k)	NA
<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>	Oha wai .....	.....do.....	.....do.....	.....do.....	E	480	17.99(c)	NA
<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i> .....	.....do.....	.....do.....	.....do.....	.....do.....	E	467	17.99(e)(1)	NA
<i>Clermontia peleana</i> .....	.....do.....	.....do.....	.....do.....	.....do.....	E	532	17.99(k)	NA
<i>Clermontia pyularia</i> .....	.....do.....	.....do.....	.....do.....	.....do.....	E	532	17.99(k)	NA
<i>Clermontia samuelii</i> .....	.....do.....	.....do.....	.....do.....	.....do.....	E	666	17.99(e)(1)	NA
<i>Clitonia fragrans</i>	Pigeon wings	U.S.A. (FL) .....	.....do.....	Fabaceae	T	500	NA	NA
<i>Colubrina oppositifolia</i>	Kaula	U.S.A. (HI) .....	.....do.....	Rhamnaceae	E	532	17.99(e)(1), (i), and (k)	NA
<i>Conradina brevifolia</i>	Short-leaved rosemary	U.S.A. (FL) .....	.....do.....	Lamiaceae	E	507	NA	NA
<i>Conradina etonia</i>	Etonia rosemary .....	.....do.....	.....do.....	.....do.....	E	507	NA	NA
<i>Conradina glabra</i>	Apalachicola rosemary .....	.....do.....	.....do.....	.....do.....	E	507	NA	NA
<i>Conradina verticillata</i>	Cumberland rosemary	U.S.A. (KY, TN) .....	.....do.....	.....do.....	T	492	NA	NA
<i>Cordia belonis</i>	None	U.S.A. (PR) .....	.....do.....	Boraginaceae	E	601	NA	NA
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	Salt marsh bird's-beak	U.S.A. (CA), Mexico (Baja California) .....	.....do.....	Scrophulariaceae	E	44	NA	NA
<i>Cordylanthus mollis</i> ssp. <i>mollis</i>	Soft bird's-beak	U.S.A. (CA) .....	.....do.....	.....do.....	E	627	17.96 (a)	NA
<i>Cordylanthus palmatus</i>	Palmate-bracted bird's-beak .....	.....do.....	.....do.....	.....do.....	E	295	NA	NA
<i>Cordylanthus tenuis</i> ssp. <i>capillaris</i>	Pennell's bird's-beak .....	.....do.....	.....do.....	.....do.....	E	575	NA	NA
<i>Cornuta obovata</i>	Palo de rigua	U.S.A. (PR) .....	.....do.....	Verbenaceae	E	307	NA	NA
<i>Coryphantha minima</i>	Nellie cory cactus	U.S.A. (TX) .....	.....do.....	Cactaceae	E	81	NA	NA
<i>Coryphantha ramillosa</i>	Bunched cory cactus	U.S.A. (TX), Mexico (Coahuila) .....	.....do.....	.....do.....	T	77	NA	NA
<i>Coryphantha robbinsorum</i>	Cochise pincushion cactus	U.S.A. (AZ), Mexico (Sonora) .....	.....do.....	.....do.....	T	214	NA	NA
<i>Coryphantha scheeri</i> var. <i>robustispina</i>	Pima pineapple cactus .....	.....do.....	.....do.....	.....do.....	E	515	NA	NA
<i>Coryphantha sneedii</i> var. <i>leei</i>	Lee pincushion cactus	U.S.A. (NM) .....	.....do.....	.....do.....	T	61	NA	NA
<i>Coryphantha sneedii</i> var. <i>sneedii</i>	Sneed pincushion cactus	U.S.A. (NM, TX) .....	.....do.....	.....do.....	E	82	NA	NA
<i>Cranichis ricartii</i>	None	U.S.A. (PR) .....	.....do.....	Orchidaceae	E	451	NA	NA

Species		Historic range	Family	Status	When listed	Critical habi- tat	Special rules
Scientific name	Common name						
<i>Cyrtandra oenobarpa</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Cyrtandra paliku</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Cyrtandra polyantha</i>	.....do	.....do	.....do	E	536	17.99(f)	NA
<i>Cyrtandra subumbellata</i>	.....do	.....do	.....do	E	591	17.99(f)	NA
<i>Cyrtandra tinianabula</i>	.....do	.....do	.....do	E	532	17.99(k)	NA
<i>Cyrtandra viridiflora</i>	.....do	.....do	.....do	E	591	17.99(f)	NA
<i>Dalea foliosa</i>	Leaty prairie-clover	U.S.A. (AL, IL, TN)	Fabaceae	E	422	NA	NA
<i>Daphnopsis hellerana</i>	None	U.S.A. (PR)	Thymelaeaceae	E	309	NA	NA
<i>Deeringothamnus pulchellus</i>	Beautiful pawpaw	U.S.A. (FL)	Ammonaceae	E	244	NA	NA
<i>Deeringothamnus rugelli</i>	Rugel's pawpaw	.....do	.....do	E	244	NA	NA
<i>Deinandra</i> (=Hemizonia) conjugens.	Otay tarplant	U.S.A. (CA), Mexico	Asteraceae—Sunflower	T	649	17.96(a)	NA
<i>Deinandra increscens</i> ssp. <i>villosa</i>	Gaviota tarplant	U.S.A. (CA)	.....do	E	691	17.96(a)	NA
<i>Delissea rhytidosperma</i>	None	U.S.A. (HI)	Campanulaceae	E	530	17.99(a)(1)	NA
<i>Delissea rivularis</i>	Oha	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Delissea subcordata</i>	.....do	.....do	.....do	E	591	17.99(f)	NA
<i>Delissea undulata</i>	None	.....do	.....do	E	593	17.99(a)(1)	NA
<i>Delphinium bakeri</i>	Baker's larkspur	U.S.A. (CA)	Ranunculaceae	E	681	17.96(a)	NA
<i>Delphinium luteum</i>	Yellow larkspur	.....do	.....do	E	681	17.96(a)	NA
<i>Delphinium variegatum</i> ssp. <i>kinkiense</i> .	San Clemente Island larkspur	.....do	.....do	E	26	NA	NA
<i>Dicerandra christmanii</i>	Garrett's mint	U.S.A. (FL)	Lamiaceae	E	207, 362	NA	NA
<i>Dicerandra cornutissima</i>	Longspurred mint	.....do	.....do	E	207	NA	NA
<i>Dicerandra trufescens</i>	Scrub mint	.....do	.....do	E	207, 362	NA	NA
<i>Dicerandra immaculata</i>	Lakela's mint	.....do	.....do	E	180	NA	NA
<i>Dodecathema leptoceras</i>	Slender-horned spineflower	U.S.A. (CA)	Polygonaceae	E	291	NA	NA
<i>Dubautia herbisobata</i>	Naenae	U.S.A. (HI)	Asteraceae	E	448	17.99(f)	NA
<i>Dubautia imbricata</i> ssp. <i>imbricata</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Dubautia kalalauensis</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Dubautia kenwoodii</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Dubautia latifolia</i>	.....do	.....do	.....do	E	484	17.99(a)(1)	NA
<i>Dubautia pauciflora</i>	.....do	.....do	.....do	E	436	17.99(a)(1)	NA
<i>Dubautia plantaginea</i> ssp. <i>humilis</i>	.....do	.....do	.....do	E	666	17.99(e)(1)	NA
<i>Dubautia plantaginea</i> ssp. <i>magnifolia</i>.	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Dubautia waialealae</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Dudleya abramsii</i> ssp. <i>parva</i>	Conejo dudleya	U.S.A. (CA)	Crassulaceae	T	606	NA	NA
<i>Dudleya cymosa</i> ssp. <i>marcescens</i>	Marcescent dudleya	.....do	.....do	T	606	NA	NA
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	Santa Monica Mountains dudleya.	.....do	.....do	T	606	NA	NA
<i>Dudleya nesiotica</i>	Santa Cruz Island dudleya	.....do	.....do	T	623	NA	NA
<i>Dudleya setchellii</i>	Santa Clara Valley dudleya	.....do	.....do	E	575	NA	NA
<i>Dudleya stolonifera</i>	Laguna Beach liveforever	.....do	.....do	T	649	NA	NA
<i>Dudleya traskiae</i>	Santa Barbara Island liveforeverdodo	E	39	NA	NA
<i>Dudleya verityi</i>	Verity's dudleyadodo	T	606	NA	NA

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<i>Echinacea laevigata</i>	Smooth coneflower	U.S.A. (GA, MD, NC, PA, SC, VA)	Asteraceae	E	481	NA	NA
<i>Echinocactus horizonthalonius</i> var. <i>nicholii</i>	Nichol's Turk's head cactus	U.S.A. (AZ)	Cactaceae	E	71	NA	NA
<i>Echinocereus chiscoensis</i> var. <i>chiscoensis</i>	Chisos Mountain hedgehog cactus	U.S.A. (TX) .....	.....do	T	335	NA	NA
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i>	Kuenzler hedgehog cactus	U.S.A. (NM) .....	.....do	E	70	NA	NA
<i>Echinocereus reichenbachii</i> var. <i>albertii</i>	Black lace cactus	U.S.A. (TX) .....	.....do	E	68	NA	NA
<i>Echinocereus triglochidiatus</i> var. <i>arizonicus</i>	Arizona hedgehog cactus	U.S.A. (AZ) .....	.....do	E	62	NA	NA
<i>Echinocereus viridiflorus</i> var. <i>davisii</i>	Davis' green pitaya	U.S.A. (TX) .....	.....do	E	81	NA	NA
<i>Echinomastus mariposensis</i>	Lloyd's Mariposa cactus	U.S.A. (TX), Mexico (Coahuila) .....	.....do	T	77	NA	NA
<i>Encelopsis nudaicaulis</i> var. <i>corrugata</i>	Ash Meadows sunray	U.S.A. (NV)	Asteraceae	T	181	17.96(a)	NA
<i>Eragrostis fosbergii</i>	Fosberg's love grass	U.S.A. (HI)	Poaceae	E	591	17.99(f)	NA
<i>Eremalche kemensis</i>	Kern mallow	U.S.A. (CA)	Malvaceae	E	395	NA	NA
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woolly-star .....	.....do	Polemoniaceae	E	291	NA	NA
<i>Eriogonum decumbens</i> var. <i>decumbens</i>	Willamette daisy	U.S.A. (OR)	Asteraceae—Aster family	E	679	17.96	NA
<i>Eriogonum parishii</i>	Parish's daisy	U.S.A. (CA)	Asteraceae	T	548	17.96(a)	NA
<i>Eriodictyon altissimum</i>	Zuni fleabane	U.S.A. (NM) .....	.....do	T	177	NA	NA
<i>Eriodictyon capitatum</i>	Indian Knob mountain balm	U.S.A. (CA)	Hydrophyllaceae	E	567	NA	NA
<i>Eriogonum apricum</i> (incl. var. <i>prostratum</i>)	Lompoc yerba santa .....	.....do	Hydrophyllaceae—Waterleaf	E	691	17.96(a)	NA
<i>Eriogonum gypsophilum</i>	lone (incl. Irish Hill) buckwheat .....	.....do	Polygonaceae	E	661	NA	NA
<i>Eriogonum kennedyi</i> var. <i>austrorontanum</i>	Gypsum wild-buckwheat	U.S.A. (NM) .....	.....do	T	110, 112	17.96(a)	NA
<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i>	Southern mountain wild-buckwheat	U.S.A. (CA) .....	.....do	T	644	17.96(a)	NA
<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	Scrub buckwheat	U.S.A. (FL) .....	.....do	T	500	NA	NA
<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Cushenbury buckwheat	U.S.A. (CA) .....	.....do	E	548	17.96(a)	NA
<i>Eriogonum pelinophilum</i>	Steamboat buckwheat	U.S.A. (NV) .....	.....do	E	237	NA	NA
<i>Eriophyllum latilobum</i>	Clay-loving wild-buckwheat	U.S.A. (CO) .....	.....do	E	151	17.96(a)	NA
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Mateo woolly sunflower	U.S.A. (CA)	Asteraceae	E	575	NA	NA
<i>Eryngium constancei</i>	San Diego buton-celery .....	.....do	Apiaceae	E	512	NA	NA
<i>Eryngium cuneifolium</i>	Loch Lomond coyote-thistle .....	.....do .....	.....do	E	194E, 249	NA	NA
<i>Erysimum capitatum</i> var. <i>angustatum</i>	Snakeroot	U.S.A. (FL) .....	.....do	E	256	NA	NA
<i>Erysimum menziesii</i>	Contra Costa wallflower	U.S.A. (CA)	Brassicaceae	E	39	17.96(a)	NA
<i>Erythronium propitians</i>	Menzies' wallflower .....	.....do .....	.....do	E	472	NA	NA
<i>Eugenia haematocarpa</i>	Ben Lomond wallflower .....	.....do	Liliaceae	E	528	NA	NA
	Minnesota dwarf trout lily	U.S.A. (MN)	Myrtaceae	E	221	NA	NA
	Uvillo	U.S.A. (PR)		E	564	NA	NA

Species		Common name	Historic range	Family	Status	When listed	Critical habi- tation	Special rules
Scientific name								
<i>Eugenia koolauensis</i>	Nioi	U.S.A. (HI)	.....do	E	536	17.99(c) and (i)	NA
<i>Eugenia woodburyana</i>	None	U.S.A. (PR)	.....do	E	551	NA	NA
<i>Euphorbia haeleleana</i>	Akoko	U.S.A. (HI)	Euphorbiaceae	E	592	17.99(a)(1) and (i)	NA	
<i>Euphorbia telephiodides</i>	Telephus spurge	U.S.A. (FL)	.....do	T	463	NA	NA
<i>Eutrema penlandii</i>	Penland alpine fen mustard	U.S.A. (CO)	Brassicaceae	T	509	NA	NA	
<i>Exocarpos luteolus</i>	Heau	U.S.A. (HI)	Santalaceae	E	530	17.99(a)(1)	NA	
<i>Flueggea neowawraea</i>	Mehamehame	.....do	Euphorbiaceae	E	559	17.99(a)(1), (c), (e)(1), (i) and (k)	NA
<i>Frankenia johnstonii</i>	Johnston's frankenia	U.S.A. (TX), Mexico (Nuevo Leon)	Frankeniaceae	E	155	NA	NA	
<i>Fremontodendron californicum</i>	Pine Hill flannelbush	U.S.A. (CA)	Sterculiaceae	E	596	NA	NA	
<i>Fremontodendron mexicanum</i>	Mexican flannelbush	U.S.A. (CA), Mexico	.....do	E	648	17.99(a)	NA
<i>Fritillaria gentneri</i>	Gentner's fritillary	U.S.A. (OR)	Liliaceae	E	672	NA	NA	
<i>Gahnia lanaiensis</i>	None	U.S.A. (HI)	Cyperaceae	E	435	NA	NA	
<i>Galactia smallii</i>	Small's milkpea	U.S.A. (FL)	Fabaceae	E	192	NA	NA	
<i>Galium buxifolium</i>	Island bedstraw	U.S.A. (CA)	Rubiaceae	E	623	NA	NA	
<i>Galium californicum</i> ssp. <i>sierrae</i>	El Dorado bedstraw	.....do	.....do	E	596	NA	NA
<i>Gardenia brighamii</i>	Hawaiian gardenia (Na'u)	U.S.A. (HI)	.....do	E	198	NA	NA
<i>Gardenia mamii</i>	Nanu	.....do	.....do	E	591	17.99(i)	NA
<i>Gaura neomexicana</i> ssp. <i>coloradensis</i>	Colorado butterfly plant	U.S.A. (WY, NE, CO)	Onagraceae-Evening Primrose	T	704	17.99(a)	NA	
<i>Geocarpon minimum</i>	None	U.S.A. (AR, LA, MO)	Caryophyllaceae	T	275	NA	NA	
<i>Geranium arboreum</i>	Hawaiian red-flowered geranium	U.S.A. (HI)	Geraniaceae	E	465	17.99(e)(1)	NA	
<i>Geranium kauaiense</i>	Nohoanu	.....do	.....do	E	765	17.99(a)	NA
<i>Geranium multiflorum</i>	.....do	.....do	.....do	E	467	17.99(e)(1)	NA
<i>Gesneria pauciflora</i>	None	U.S.A. (PR)	Gesneriaceae	T	578	NA	NA	
<i>Geum radiatum</i>	Spreading avens	U.S.A. (NC, TN)	Rosaceae	E	381	NA	NA	
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	Monterey gilia	U.S.A. (CA)	Poloniaceae	E	472	NA	NA	
<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i>	Hoffmann's slender-flowered gilia	.....do	.....do	E	623	NA	NA
<i>Goetzea elegans</i>	Beautiful goetzea or matabuey	U.S.A. (PR)	Solanaceae	E	176	NA	NA	
<i>Gouania hillebrandii</i>	None	U.S.A. (HI)	Rhamnaceae	E	165	17.99(a)	NA	
<i>Gouania meyerii</i>	.....do	.....do	.....do	E	448	17.99(a)(1) and (i)	NA
<i>Gouania vitifolia</i>	.....do	.....do	.....do	E	541	17.99(e)(1), and (k)	NA
<i>Gimelia fraxino-pratensis</i>	Ash Meadows gumplant	U.S.A. (CA, NV)	Asteraceae	T	181	17.99(a)	NA	
<i>Hackelia venusta</i>	Showy stickseed	U.S.A. (WA)	Boraginaceae—Borage	E	722	NA	NA	
<i>Halophila johnsonii</i>	Johnson's seagrass	U.S.A. (FL)	Hydrocharitaceae	T	663	226.213	NA	
<i>Haplostachys haplostachya</i>	None	U.S.A. (HI)	Lamiaceae	E	73	NA	NA	
<i>Harperocalis flava</i>	Harper's beauty	U.S.A. (FL)	Liliaceae	E	57	NA	NA	
<i>Harrisia portoricensis</i>	Higo chumbo	U.S.A. (PR)	Cactaceae	T	397	NA	NA	

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<i>Hedeoma todsenii</i>	Todsens pennyroyal	U.S.A. (NM)	Lamiaceae	E	110	17.96(a)	NA
<i>Hedyotis coccinea</i>	Awaiwi	U.S.A. (HI)	Rubiaceae	E	530	17.99(a)(1)	NA
<i>Hedyotis coriacea</i>	Kioele	.....do	.....do	E	467	17.99(e)(1)	NA
<i>Hedyotis degeneri</i>	None	.....do	.....do	E	448	17.99(f)	NA
<i>Hedyotis mannii</i>	Pilo	.....do	.....do	E	480	17.99(e)(1)	NA
<i>Hedyotis parvula</i>	None	.....do	.....do	E	448	17.99(f)	NA
<i>Hedyotis purpurea</i> var. <i>montana</i>	Roan Mountain bluet	U.S.A. (NC, TN)	.....do	E	381	NA	NA
<i>Hedyotis schlechtendahlana</i> var. <i>renyi</i>	Kopa	U.S.A. (HI)	.....do	E	666	NA	NA
<i>Hedyotis st. johnii</i>	Na Pali beach hedyotis	.....do	.....do	E	441	17.99(a)(1)	NA
<i>Helenium virginicum</i>	Virginia sneezeweed	U.S.A. (MO, VA)	Asteraceae	T	652	NA	NA
<i>Helianthemum greenii</i>	Island rush-rose	U.S.A. (CA)	Cistaceae	T	623	NA	NA
<i>Helianthus patadoxus</i>	Pecos (=puzzle, =paradox) sunflower	U.S.A. (NM, TX)	Asteraceae	T	667	17.96(a)	NA
<i>Helianthus schweinitzii</i>	Schweinitz's sunflower	U.S.A. (NC, SC)	.....do	E	424	NA	NA
<i>Helonias bullata</i>	Swamp pink	U.S.A. (DE, GA, MD, NC, NJ, NY, SC, VA)	Liliaceae	T	326	NA	NA
<i>Hesperolinon congestum</i>	Marin dwarf-flax	U.S.A. (CA)	Linaceae	T	575	NA	NA
<i>Hesperomannia arborescens</i>	None	U.S.A. (HI)	Asteraceae	E	536	17.99(c) and (i)	NA
<i>Hesperomannia arbuscula</i>	.....do	.....do	.....do	E	448	17.99(e)(1)	NA
<i>Hesperomannia lydgatei</i>	.....do	.....do	.....do	E	436	17.99(a)(1)	NA
<i>Hexastylis naniflora</i>	Dwarf-flowered heartleaf	U.S.A. (NC, SC)	Aristolochiaceae	T	347	NA	NA
<i>Hibiscadelphus distans</i>	Kauai hau kuahwi	U.S.A. (HI)	Malvaceae	E	225	NA	NA
<i>Hibiscadelphus giffardianus</i>	Hau kuahwi	.....do	.....do	E	595	17.99(k)	NA
<i>Hibiscadelphus huaihaiensis</i>	.....do	.....do	.....do	E	585	17.99(k)	NA
<i>Hibiscadelphus woodii</i>	.....do	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i>	Kokio keokeo	.....do	.....do	E	480	17.99(c)	NA
<i>Hibiscus brackenridgei</i>	Mao hau hele	.....do	.....do	E	559	17.99(c), (e)(1), (i), and (k)	NA
<i>Hibiscus clayi</i>	Clay's hibiscus	.....do	.....do	E	530	17.99(a)(1)	NA
<i>Hibiscus waimeae</i> ssp. <i>hannerae</i>	Kokio keokeo	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Hoffmannseggia tenella</i>	Slender rush-pea	U.S.A. (TX)	Fabaceae	E	209	NA	NA
<i>Holcophya macradenia</i>	Santa Cruz tarplant	U.S.A. (CA)	Asteraceae—Sunflower	T	690	17.96(a)	NA
<i>Howellia aquatilis</i>	Water howellia	U.S.A. (CA, ID, MT, OR, WA)	Campanulaceae	T	542	NA	NA
<i>Hudsonia montana</i>	Mountain golden heather	U.S.A. (NC)	Cistaceae	T	107	17.96(a)	NA
<i>Hymenoxys herbacea</i>	Lakeside daisy	U.S.A. (IL, MI, OH), Canada (Ont.)	Asteraceae	T	310	NA	NA
<i>Hymenoxys texana</i>	Texas prairie dawn-flower	U.S.A. (TX)	.....do	E	218	NA	NA
<i>Hypericum cumulicola</i>	Highlands scrub hypericum	U.S.A. (FL)	Hypericaceae	E	256	NA	NA
<i>Ilex cookii</i>	Cook's holly	U.S.A. (PR)	Aquifoliaceae	E	277	NA	NA
<i>Ilex sintenisii</i>	None	.....do	.....do	E	461	NA	NA
<i>Ilamna corei</i>	Peter's Mountain mallow	U.S.A. (VA)	Malvaceae	E	230	NA	NA
<i>Ipomopsis polyantha</i>	Pagosa skyrocket	U.S.A. (CO)	Polemoniaceae	E	792	17.96(a)	NA
<i>Ipomopsis sancti-spiritus</i>	Holy Ghost ipomopsis	U.S.A. (NM)	.....do	E	535	NA	NA
<i>Ins lacustris</i>	Dwarf lake iris	U.S.A. (MI, WI), Canada (Ont.)	Iridaceae	T	330	NA	NA

Species		Common name	Historic range	Family	Status	When listed	Critical habi- tat	Special rules
Scientific name								
<i>Ischaemum byrone</i>		Hilo ischaemum	U.S.A. (HI)	Poaceae	E	532	17.99(a)(1), (c), (e)(1), and (k)	NA
<i>Isodendron hosakae</i>		Aupaka	.....do	Violaceae	T	414	17.99(k)	NA
<i>Isodendron laurifolium</i>		.....do	.....do	.....do	E	592	17.99(a)(1)	NA
<i>Isodendron longifolium</i>		.....do	.....do	.....do	T	592	17.99(a)(1) and (f)	NA
<i>Isodendron pyriformis</i>		Wahine noho kula	.....do	.....do	E	532	17.99(a)(1) and (f)	NA
<i>Isotria medeoloides</i>		Small whorled pogonia	U.S.A. (CT, DC, DE, GA, IL, MA, MD, ME, MI, MO, NC, NH, NJ, NY, PA, RI, SC, TN, VA, VT, WV), Canada (Ont.)	Orchidaceae	T	122, 556	17.99(c), (e)(1), and (f)	NA
<i>Ivesia kingii</i> var. <i>eremica</i>		Ash Meadows Ivesia	U.S.A. (NV)	Fosaceae	T	181	17.96(a)	NA
<i>Jacquemontia reclinata</i>		Beach jacquemontia	U.S.A. (FL)	Convolvulaceae	E	523	NA	NA
<i>Jatropha costaricensis</i>		Costa Rican jatropha	Costa Rica	Euphorbiaceae	E	154	NA	NA
<i>Juglans jamacensis</i>		Nogal or West Indian walnut	U.S.A. (PR), Cuba, Hispaniola	Juglandaceae	E	603	NA	NA
<i>Justicia cooley</i>		Coolley's water-willow	U.S.A. (FL)	Acanthaceae	E	356	NA	NA
<i>Kanaloa kahooolaweensis</i>		Kohe malamala malamala o kanaloa	U.S.A. (HI)	Fabaceae	E	666	17.99(e)(2)	NA
<i>Keysseria erici</i>		No common name	.....do	Asteraceae	E	765	17.99(a)	NA
<i>Keysseria heleneae</i>		.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Kokia cooki</i>		Cooke's koki'o	.....do	Malvaceae	E	74	NA	NA
<i>Kokia drynarioides</i>		Koki'o	.....do	.....do	E	167	17.96(a)	NA
<i>Kokia kauaiensis</i>		.....do	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Labordia cyrtandrae</i>		Kamakahala	.....do	Loganiaceae	E	591	17.99(f)	NA
<i>Labordia helleri</i>		.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Labordia lydgatei</i>		.....do	.....do	.....do	E	436	17.99(a)(1)	NA
<i>Labordia pumila</i>		.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Labordia tinifolia</i> var. <i>lanaiensis</i>		.....do	.....do	.....do	E	666	NA	NA
<i>Labordia tinifolia</i> var. <i>wahaiwaensis</i>		.....do	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Labordia triflora</i>		.....do	.....do	.....do	E	666	17.99(c)	NA
<i>Lasthenia burkei</i>		Burke's goldfields	U.S.A. (CA)	Asteraceae	E	453	NA	NA
<i>Lasthenia confugens</i>		Contra Costa goldfields	.....do	.....do	E	619	17.96(a)	NA
<i>Layia camosa</i>		Beach layia	.....do	.....do	E	472	NA	NA
<i>Lemanea congonii</i>		San Joaquin woolly-thread	.....do	.....do	E	395	NA	NA
<i>Lepanthes eitoroensis</i>		None	U.S.A. (PR)	Orchidaceae	E	451	NA	NA
<i>Lepidium arbuscula</i>		Anaunau	U.S.A. (HI)	Brassicaceae	E	591	17.99(f)	NA
<i>Lepidium barnebyanum</i>		Barneby ridge-cress	U.S.A. (UT)	.....do	E	402	NA	NA
<i>Lepidium papilliferum</i>		Stickspot peppergrass	U.S.A. (ID)	.....do	T	765	NA	NA
<i>Leptocereus grantianus</i>		None	U.S.A. (PR)	Cactaceae	E	491	NA	NA
<i>Lespedeza leptostachya</i>		Prairie bush-clover	U.S.A. (IA, IL, MN, WI)	Fabaceae	T	294	NA	NA
<i>Lesquerella congesta</i>		Dudley Bluffs bladderpod	U.S.A. (CO)	Brassicaceae	T	374	NA	NA
<i>Lesquerella kingii</i> ssp. <i>bernardina</i>		San Bernardino Mountains bladderpod.	U.S.A. (CA)do	E	548	17.96(a)	NA

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<i>Lesquerella lyrata</i>	U.S.A. (AL)do	E	403	NA	NA
<i>Lesquerella pallida</i>	U.S.A. (TX)do	E	260	NA	NA
<i>Lesquerella perforata</i>	U.S.A. (TN) .....	.....do	E	599	NA	NA
<i>Lesquerella thamnophila</i>	U.S.A. (TX), Mexico .....	.....do	E	519	17.96(a)	NA
<i>Lesquerella tumulosa</i>	U.S.A. (TX) .....	.....do	E	620	NA	NA
<i>Lessingia germanorum</i> (=L. g. var. <i>germanorum</i>)	U.S.A. (CA)	Asteraceae	E		NA	NA
<i>Liatris helleri</i>	U.S.A. (NC) .....	.....do	T	300	NA	NA
<i>Liatris ohlingerae</i>	U.S.A. (FL) .....	.....do	E	356	NA	NA
<i>Lilaeopsis schaffneriana</i> var. <i>recurva</i>	U.S.A. (AZ), Mexico	Apiaceae	E	600	17.96(a)	NA
<i>Lilium occidentale</i>	U.S.A. (OR, CA)	Liliaceae	E	544	NA	NA
<i>Lilium pardalinum</i> ssp. <i>pilkinense</i>	U.S.A. (CA) .....	.....do	E	625	NA	NA
<i>Limnanthes floccosa</i> ssp. <i>californica</i> .....	.....do	Limnanthaceae	E	471	17.96(a)	NA
<i>Limnanthes floccosa</i>	U.S.A. (OR) .....	.....do	E	733	17.96(a)	NA
<i>Limnanthes ssp. grandiflora</i>	U.S.A. (CA) .....	.....do	E	453	NA	NA
<i>Limnanthes vinculians</i>	U.S.A. (AL, AR, FL, GA, LA, MO, MS, NC, SC)	Lauraceae	E	240	NA	NA
<i>Lindera melissifolia</i>	U.S.A. (HI)	Asteraceae	E	530	17.99(a)(1)	NA
<i>Lipochaeta fauriei</i> .....	.....do .....	.....do	E	467	17.99(e)(1)	NA
<i>Lipochaeta kamolensis</i> .....	.....do .....	.....do	E	448	17.99(f)	NA
<i>Lipochaeta lobata</i> var. <i>leptophylla</i> .....	.....do .....	.....do	E	530	17.99(a)(1)	NA
<i>Lipochaeta micrantha</i> .....	.....do .....	.....do	E	448	17.99(f)	NA
<i>Lipochaeta tenuifolia</i> .....	.....do .....	.....do	E	73	NA	NA
<i>Lipochaeta venosa</i> .....	.....do .....	.....do	E	530	17.99(a)(1)	NA
<i>Lipochaeta waimeensis</i>	U.S.A. (CA)	Saxifragaceae	E	624	NA	NA
<i>Lithophragma maximum</i>	U.S.A. (HI)	Campanulaceae	E	591	17.99(f)	NA
<i>Lobelia gaudichaudii</i> ssp. <i>koolauensis</i> .....	.....do .....	.....do	E	591	17.99(f)	NA
<i>Lobelia monostachya</i> .....	.....do .....	.....do	E	448	17.99(f)	NA
<i>Lobelia nilihauensis</i> .....	.....do .....	.....do	E	536	17.99(f)	NA
<i>Lobelia oahuensis</i>	U.S.A. (OR, WA)	Apiaceae	E	333	NA	NA
<i>Lomatium bradsawii</i>	U.S.A. (OR) .....	.....do	E	733	17.96(a)	NA
<i>Lomatium cookii</i>	U.S.A. (CA) .....	.....do	E	26	NA	NA
<i>Lotus dendroideus</i> ssp. <i>traskiae</i>	U.S.A. (FL)	Fabaceae	E	264	NA	NA
<i>Lupinus aridorum</i>	U.S.A. (CA) .....	.....do	E	691	NA	NA
<i>Lupinus nipomensis</i>	U.S.A. (OR, WA)	Fabaceae—Pea family	T	679	17.96	NA
<i>Lupinus sulphureus</i> ssp. <i>kincaidii</i>	U.S.A. (CA)	Fabaceae	E	472	NA	NA
<i>Lupinus tidestromii</i>	U.S.A. (PR)	Ericaceae	E	501	NA	NA
<i>Lyonia truncata</i> var. <i>proctorii</i>	U.S.A. (NC, SC)	Primulaceae	E	274	NA	NA
<i>Lysimachia asperulaefolia</i> .....	.....do	Myrsinaceae	E	765	17.99(a)	NA
<i>Lysimachia daphnoides</i> .....	.....do	Primulaceae	E	530	17.99(a)(1)	NA
<i>Lysimachia filifolia</i> .....	.....do .....	.....do	E		and (f)	NA
<i>Lysimachia iniki</i> .....	.....do	Myrsinaceae	E	765	17.99(a)	NA
<i>Lysimachia lydgatei</i> .....	.....do	Primulaceae	E	467	17.99(e)(1)	NA
<i>Lysimachia maxima</i> .....	.....do .....	.....do	E	594	17.99(c)	NA

Species		Common name	Historic range	Family	Status	When listed	Critical habi- tat	Special rules
Scientific name								
<i>Lysimachia pendens</i>	No common name	.....do	Myrsinaceae	E	765	17.99(a)	NA
<i>Lysimachia scopulensis</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Lysimachia venosa</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Macbridea alba</i>	White birds-in-a-nest	U.S.A. (FL)	Lamiaceae	T	463	NA	NA	
<i>Malacothamnus clementinus</i>	San Clemente Island bush-mal- low.	U.S.A. (CA)	Malvaceae	E	26	NA	NA	
<i>Malacothamnus fasciculatus</i> var. <i>resiliicus</i>	Santa Cruz Island bushmallow	.....do	.....do	E	623	NA	NA
<i>Malacothrix indecora</i>	Santa Cruz Island malacothrix	.....do	Asteraceae	E	623	NA	NA
<i>Malacothrix squaialda</i>	Island malacothrix	.....do	.....do	E	623	NA	NA
<i>Manihot walkerae</i>	Walker's manioc	U.S.A. (TX), Mexico	Euphorbiaceae	E	445	NA	NA	
<i>Mariscus fauriei</i>	None	U.S.A. (HI)	Cyperaceae	E	532	17.99(c) and (k)	NA	
<i>Mariscus pennatifloris</i>	.....do	.....do	.....do	E	559	17.99(a)(1), (e)(1), (g), and (i)	NA
<i>Marshallia mohrii</i>	Mohr's Barbara's buttons	U.S.A. (AL, GA)	Asteraceae	T	324	NA	NA	
<i>Melicope adscendens</i>	Alani	U.S.A. (HI)	Rutaceae	E	565	17.99(e)(1)	NA	
<i>Melicope dalibou</i>	.....do	.....do	.....do	E	565	17.99(e)(1)	NA
<i>Melicope degeneri</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Melicope haupuensis</i>	.....do	.....do	.....do	E	530	17.99(a)(1)	NA
<i>Melicope knudsenii</i>	.....do	.....do	.....do	E	530	17.99(a)(1)	NA
<i>Melicope lydgatei</i>	.....do	.....do	.....do	E	536	17.99(f)	NA
<i>Melicope mucronulata</i>	.....do	.....do	.....do	E	467	17.99(c) and (e)(1)	NA
<i>Melicope munroi</i>	.....do	.....do	.....do	E	666	NA	NA
<i>Melicope ovalis</i>	.....do	.....do	.....do	E	565	17.99(e)(1)	NA
<i>Melicope pallida</i>	.....do	.....do	.....do	E	530	17.99(a)(1) and (f)	NA
<i>Melicope paniculata</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Melicope puberula</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Melicope quadrangularis</i>	.....do	.....do	.....do	E	530	NA	NA
<i>Melicope reflexa</i>	.....do	.....do	.....do	E	480	17.99(c)	NA
<i>Melicope saint-johnii</i>	.....do	.....do	.....do	E	591	17.99(f)	NA
<i>Melicope zahbruckneri</i>	.....do	.....do	.....do	E	595	17.99(k)	NA
<i>Mentzelia leucophylla</i>	Ash Meadows blazing-star	U.S.A. (NV)	Loasaceae	T	181	17.99(k)	NA	
<i>Mimulus michiganensis</i> (= <i>Mimulus</i> <i>glabratus</i> var. <i>michiganensis</i>)	Michigan monkey-flower	U.S.A. (MI)	Scrophulariaceae	E	392	NA	NA	
<i>Mirabilis macfarlanei</i>	MacFarlane's four-o'clock	U.S.A. (ID, OR)	Nyctaginaceae	T	780	NA	NA	
<i>Mitracarpus maxwelliae</i>	None	U.S.A. (PR)	Rubiaceae	E	66, 581	NA	NA	
<i>Mitracarpus polycladus</i>	.....do	U.S.A. (PR), Saba	.....do	E	551	NA	NA
<i>Monardella viminea</i>	Willow monardella	U.S.A. (CA), Mexico	Lamiaceae	E	649	17.96(a)	NA	
<i>Munrodidion racemosum</i>	None	U.S.A. (HI)	Araliaceae	E	530	17.99(a)(1)	NA	
<i>Myrcia paganii</i>	.....do	U.S.A. (PR)	Myrtaceae	E	529	NA	NA
<i>Myrsine juddii</i>	Kolea	U.S.A. (HI)	Myrsinaceae	E	591	17.99(f)	NA	

Species		Common name	Historic range	Family	Status	When listed	Critical habitat	Special rules
Scientific name								
<i>Pediocactus peeblesianus</i> var. <i>peeblesianus</i>		Peebles Navajo cactus	U.S.A. (AZ)	.....do	E	69	NA	NA
<i>Pediocactus sileri</i>		Siler pincushion cactus	U.S.A. (AZ, UT)	.....do	T	64, 524	NA	NA
<i>Pediocactus winkleri</i>		Winkler cactus	U.S.A. (UT)	.....do	T	641	NA	NA
<i>Penstemon debilis</i>		Parachute beardtongue	U.S.A. (CO)	Plantaginaceae	E	792	17.96(a)	NA
<i>Penstemon haydenii</i>		Blowout penstemon	U.S.A. (NE)	Scrophulariaceae	E	285	NA	NA
<i>Penstemon penlandii</i>		Penland beardtongue	U.S.A. (CO)	.....do	E	353	NA	NA
<i>Pentachaeta bellidiflora</i>		White-rayed pentachaeta	U.S.A. (CO)	Asteraceae	E	575	NA	NA
<i>Pentachaeta lyonii</i>		Lyon's pentachaeta	.....do	.....do	E	606	17.96(a)	NA
<i>Peperomia wheeleri</i>		Wheeler's peperomia	U.S.A. (PR)	Piperaceae	E	255	NA	NA
<i>Peucedanum sandwicense</i>		Makou	U.S.A. (HI)	Apiaceae	T	530	17.99(a)(1), (c), (e)(1), and (f)	NA
<i>Phacelia argillacea</i>		Clay phacelia	U.S.A. (UT)	Hydrophyllaceae	E	44	NA	NA
<i>Phacelia formosula</i>		North Park phacelia	U.S.A. (CO)	.....do	E	121	NA	NA
<i>Phacelia insularis</i> ssp. <i>insularis</i>		Island phacelia	U.S.A. (CA)	.....do	E	623	NA	NA
<i>Phacelia submutica</i>		DeBeque phacelia	U.S.A. (CO)	.....do	T	792	17.96(a)	NA
<i>Phlox hirsuta</i>		Yreka phlox	U.S.A. (CA)	Polemoniaceae	E	683	NA	NA
<i>Phlox rivalis</i> ssp. <i>texensis</i>		Texas trailing phlox	U.S.A. (TX)	.....do	E	440	NA	NA
<i>Phyllostegia glabra</i> var. <i>lanaiensis</i>		None	U.S.A. (HI)	Lamiaceae	E	435	NA	NA
<i>Phyllostegia hirsuta</i>		None	.....do	.....do	E	591	17.99(f)	NA
<i>Phyllostegia hispida</i>		None	.....do	.....do	E	762	NA	NA
<i>Phyllostegia kaalaensis</i>		None	.....do	.....do	E	591	17.99(f)	NA
<i>Phyllostegia knudsenii</i>		None	.....do	.....do	E	580	17.99(a)(1)	NA
<i>Phyllostegia mannii</i>		None	.....do	.....do	E	480	17.99(c) and (e)(1)	NA
<i>Phyllostegia mollis</i>		None	.....do	.....do	E	448	17.99(e)(1) and (f)	NA
<i>Phyllostegia parviflora</i>		None	.....do	.....do	E	592	17.99(f)	NA
<i>Phyllostegia racemosa</i>		Kiponaona	.....do	.....do	E	595	17.99(k)	NA
<i>Phyllostegia renovans</i>		No common name	.....do	.....do	E	765	17.99(a)	NA
<i>Phyllostegia velutina</i>		None	.....do	.....do	E	595	17.99(k)	NA
<i>Phyllostegia waiameae</i>		None	.....do	.....do	E	530	17.99(a)(1)	NA
<i>Phyllostegia warshaueri</i>		None	.....do	.....do	E	595	17.99(k)	NA
<i>Phyllostegia wawarua</i>		None	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Physaria filiformis</i> (= <i>Lesquerella f.</i>)		Missouri bladderpod	U.S.A. (AR, MO)	Brassicaceae	T	253, 739, 780	NA	NA
<i>Physaria obovata</i>		Dudley Bluffs twinpod	U.S.A. (CO)	.....do	T	374	NA	NA
<i>Pilosocereus robinii</i>		Key tree-cactus	U.S.A. (FL), Cuba	Cactaceae	T	153	NA	NA
<i>Pinguicula ionantha</i>		Godfrey's butterwort	U.S.A. (FL)	Lentibulariaceae	T	507	NA	NA
<i>Piperia yadonii</i>		Yadon's piperia	U.S.A. (CA)	Orchidaceae (Orchid)	E	1998	17.96(a)	NA
<i>Pitiosporum napaliense</i>		Hoawa	U.S.A. (HI)	Pltiosporaceae	E	765	17.99(a)	NA
<i>Pityopsis rufii</i>		Ruth's golden aster	U.S.A. (TN)	Asteraceae	E	191	NA	NA
<i>Plagiobothrys hirtus</i>		Rough popcornflower	U.S.A. (OR)	Borraginaceae	E	678	NA	NA
<i>Plagiobothrys strictus</i>		Callistoga allocarya	U.S.A. (CA)do	E	625	NA	NA

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<i>Plantago hawaiiensis</i>	U.S.A. (HI)	Plantaginaceae	E	532	17.99(k)	NA
<i>Plantago princeps</i>dodo	E	559	17.99(a)(1), (c), (e)(1), and (f)	NA
<i>Platanthera holochila</i>	.....do	Orchidaceae	E	592	17.99(a)(1), (e)(1), and (f)	NA
<i>Platanthera leucophaea</i>	.....do	.....do	T	368	NA	NA
<i>Platanthera praecleara</i>	.....do	.....do	T	368	NA	NA
<i>Platydesma rostrata</i>	U.S.A. (AR, IA, IL, IN, ME, MI, MO, NE, NJ, NY, OH, OK, PA, VA, WI), Canada (Ont., N.B.), U.S.A. (IA, KS, MN, MO, ND, NE, OK, SD), Canada (Man.), U.S.A. (HI)	Rutaceae	E	765	17.99(a)	NA
<i>Pleodendron macranthum</i>	U.S.A. (HI)	Canellaceae	E	564	NA	NA
<i>Pleomele hawaiiensis</i>	U.S.A. (HI)	Liliaceae	E	595	17.99(k)	NA
<i>Poa atropurpurea</i>	U.S.A. (CA)	Poaceae	E	644	17.96(a)	NA
<i>Poa mammi</i>	U.S.A. (HI)	.....do	E	558	17.99(a)(1)	NA
<i>Poa nepsensis</i>	U.S.A. (CA)	.....do	E	625	NA	NA
<i>Poa sandwicensis</i>	U.S.A. (HI)	.....do	E	484	17.99(a)(1)	NA
<i>Poa siphonoglossa</i>	.....do	.....do	E	464	17.99(a)(1)	NA
<i>Pogogyne abramsii</i>	U.S.A. (CA)	Lamiaceae	E	44	NA	NA
<i>Pogogyne nudiuscula</i>	U.S.A. (CA), Mexico (Baja California)	.....do	E	512	NA	NA
<i>Polygala lewtonii</i>	U.S.A. (FL)	Polygalaceae	E	500	NA	NA
<i>Polygala smallii</i>	.....do	.....do	E	192	NA	NA
<i>Polygonella basiramia</i>	.....do	Polygonaceae	E	256	NA	NA
<i>Polygonella myriophylla</i>	.....do	.....do	E	500	NA	NA
<i>Polygonum hickmanii</i>	U.S.A. (CA)	.....do	E	736	17.96(a)	NA
<i>Pontilaca sclerocarpa</i>	U.S.A. (HI)	Portulacaceae	E	532	17.96(b) and 17.99(k)	NA
<i>Potamogeton clystocarpus</i>	U.S.A. (TX)	Potamogetonaceae	E	450	NA	NA
<i>Potentilla hickmanii</i>	U.S.A. (CA)	Rosaceae	E	640	NA	NA
<i>Primula maguirei</i>	U.S.A. (UT)	Primulaceae	T	199	NA	NA
<i>Pritchardia affinis</i>	U.S.A. (HI)	Arecaceae	E	532	NA	NA
<i>Pritchardia ayme-robinsonii</i>	.....do	.....do	E	586	NA	NA
<i>Pritchardia hardyi</i>	.....do	.....do	E	765	NA	NA
<i>Pritchardia kaalae</i>	.....do	.....do	E	591	NA	NA
<i>Pritchardia munroi</i>	.....do	.....do	E	480	NA	NA
<i>Pritchardia napaliensis</i>	.....do	.....do	E	590	NA	NA
<i>Pritchardia remota</i>	.....do	.....do	E	587	17.99(g)	NA
<i>Pritchardia schattaueri</i>	.....do	.....do	E	595	NA	NA
<i>Pritchardia viscosa</i>	.....do	.....do	E	590	NA	NA
<i>Prunus geniculata</i>	U.S.A. (FL)	Rosaceae	E	256	NA	NA
<i>Pseubobahia bahifolia</i>	Hartweg's golden sunburst	Asteraceae	E	609	NA	NA
<i>Pseudobahia</i>	.....do	.....do	T	609	NA	NA
<i>Psychotria grandiflora</i>	San Joaquin adobe sunburst	Rubiaceae	E	765	17.99(a)	NA
<i>Psychotria hobbii</i>	Kopiko	.....do	E	765	17.99(a)	NA
<i>Pteralyxia kauaiensis</i>	.....do	Apocynaceae	E	530	17.99(a)(1)	NA
<i>Phlomis nodosum</i>	Kaulu	.....do	E	332	NA	NA
<i>Purshia subintegra</i>	U.S.A. (AL, AR, GA, MD, NC, SC, WV), U.S.A. (AZ)	Apiaceae	E	532	NA	NA
<i>Purshia subintegra</i>	Arizona cliffrose	Fosaceae	E	148	NA	NA

Species		Common name	Historic range	Family	Status	When listed	Critical habi- tat	Special rules
Scientific name								
<i>Quercus hinckleyi</i>	Hinckley's oak	U.S.A. (TX)	Fagaceae	E	318	NA	NA	
<i>Ranunculus acriformis</i> var. <i>aesivalls</i>	Autumn buttercup	U.S.A. (UT)	Ranunculaceae	E	355	NA	NA	
<i>Remya kauaiensis</i>	None	U.S.A. (HI)	Asteraceae	E	413	17.99(a)(1)	NA	
<i>Remya mauensis</i>	Mau remya	.....do	.....do	E	413	17.99(e)(1)	NA
<i>Remya monigomeryi</i>	None	.....do	.....do	E	413	17.99(a)(1)	NA
<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i> (– <i>Sedum integrifolium</i> ssp. <i>l.</i>)	Leedy's roseroot	U.S.A. (MN, NY)	Crassulaceae	T	460, 780	NA	NA	
<i>Rhododendron chapmanii</i>	Chapman rhododendron	U.S.A. (FL)	Ericaceae	E	47	NA	NA	
<i>Rhus michauxii</i>	Michaux's sumac	U.S.A. (GA, NC, SC, VA)	Anacardiaceae	E	367	NA	NA	
<i>Rhynchospora knieskernii</i>	Knieskern's beaked-rush	U.S.A. (DE, NJ)	Cyperaceae	T	429	NA	NA	
<i>Ribes echinellum</i>	Micosukee gooseberry	U.S.A. (FL, SC)	Saxifragaceae	T	190	NA	NA	
<i>Rorippa gambelii</i>	Gambel's watercress	U.S.A. (CA)	Brassicaceae	E	511	NA	NA	
<i>Sagittaria fasciculata</i>	Bunched arrowhead	U.S.A. (NC, SC)	Alismaceae	E	53	NA	NA	
<i>Sagittaria secundifolia</i>	Kral's water-plantain	U.S.A. (AL, GA)	.....do	T	386	NA	NA
<i>Sanicula maritima</i>	None	U.S.A. (AL, HI)	Apiaceae	E	448	17.99(f)	NA	
<i>Sanicula purpurea</i>	.....do	.....do	.....do	E	592	17.99(e)(1) and (f)	NA
<i>Santalum freycinetianum</i> var. <i>lanaiense</i>	Lanai sandalwood (= <i>iliati</i>)	.....do	Santalaceae	E	215	NA	NA
<i>Sarracenia oreophila</i>	Green pitcher-plant	U.S.A. (AL, GA, NC, TN)	Sarraceniaceae	E	56, 89	NA	NA	
<i>Sarracenia rubra</i> ssp. <i>alabamensis</i>	Alabama canebrake pitcher-plant	U.S.A. (AL)	.....do	E	346	NA	NA
<i>Sarracenia rubra</i> ssp. <i>jonesii</i>	Mountain sweet pitcher-plant	U.S.A. (NC, SC)	.....do	E	339	NA	NA
<i>Scaevola coriacea</i>	Dwari naupaka	U.S.A. (HI)	Coodeniaceae	E	231	NA	NA	
<i>Schiedea adamantis</i>	Diamond Head schiedea	.....do	Caryophyllaceae	E	141	NA	NA
<i>Schiedea apokremnos</i>	Maolioli	.....do	.....do	E	441	17.99(a)(1)	NA
<i>Schiedea attenuata</i>	No common name	.....do	.....do	E	765	17.99(a)	NA
<i>Schiedea haleakalensis</i>	None	.....do	.....do	E	467	17.99(e)(1)	NA
<i>Schiedea helleri</i>	.....do	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Schiedea hookeri</i>	.....do	.....do	.....do	E	592	17.99(f)	NA
<i>Schiedea kaalae</i>	.....do	.....do	.....do	E	448	17.99(f)	NA
<i>Schiedea kauaiensis</i>	.....do	.....do	.....do	E	592	17.99(a)(1)	NA
<i>Schiedea kealae</i>	Maolioli	.....do	.....do	E	591	17.99(f)	NA
<i>Schiedea lydgatei</i>	None	.....do	.....do	E	480	17.99(c)	NA
<i>Schiedea membranacea</i>	.....do	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Schiedea nuttallii</i>	.....do	.....do	.....do	E	592	17.99(a)(1), (c), and (f)	NA
<i>Schiedea sarmentosa</i>	.....do	.....do	.....do	E	594	17.99(c)	NA
<i>Schiedea spergulina</i> var. <i>leiopoda</i>	.....do	.....do	.....do	E	530	17.99(a)(1)	NA
<i>Schiedea spergulina</i> var. <i>spergulina</i>	.....do	.....do	.....do	T	530	17.99(a)(1)	NA
<i>Schiedea stellaroides</i>	Laulihiti (=Maolioli)	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Schiedea verticillata</i>	None	.....do	.....do	E	587	17.99(g)	NA
<i>Schoenocrambe argillacea</i>	Clay reed-mustard	U.S.A. (UT)	Brassicaceae	T	457	NA	NA	
<i>Schoenocrambe barmebyi</i>	Barmeby reed-mustard	.....do	.....do	E	457	NA	NA

Species		Historic range	Family	Status	When listed	Critical habi- tat	Special rules
Scientific name	Common name						
<i>Spigelia gentianoides</i>	Genian pinkroot	U.S.A. (AL, FL)	Loganiaceae	E	406	NA	NA
<i>Spiraea virginiana</i>	Virginia spiraea	U.S.A. (GA, KY, NC, OH, PA, TN, VA, WV)	Rosaceae	T	389	NA	NA
<i>Spiranthes deltoescens</i>	Canelo Hills ladies'-tresses	U.S.A. (AZ)	Orchidaceae	E	600	NA	NA
<i>Spiranthes diluvialis</i>	Ute ladies'-tresses	U.S.A. (CO, ID, MT, NE, NV, UT, WA, WY)	.....do	T	458	NA	NA
<i>Spiranthes parksii</i>	Navasota ladies'-tresses	U.S.A. (TX)	.....do	E	116	NA	NA
<i>Stahlia monosperma</i>	Cobana negra	U.S.A. (PR), Dominican Republic	Fabaceae	T	380	NA	NA
<i>Stenogyne angustifolia</i> var. <i>angustifolia</i>	None	U.S.A. (HI)	Lamiaceae	E	73	NA	NA
<i>Stenogyne bifida</i>	.....do	.....do	.....do	E	480	17.99(c)	NA
<i>Stenogyne campanulata</i>	.....do	.....do	.....do	E	484	17.99(a)(1)	NA
<i>Stenogyne kareloana</i>	.....do	.....do	.....do	E	466	17.99(f)	NA
<i>Stenogyne kealii</i>	No common name	.....do	.....do	E	765	17.99(a)	NA
<i>Stephanomeria malheurensis</i>	Malheur wire-lettuce	U.S.A. (OR)	Asteraceae	E	126	17.96(a)	NA
<i>Streptanthus abidus</i> ssp. <i>abidus</i>	Metcalf Canyon jewelflower	U.S.A. (CA)	Brassicaceae	E	575	NA	NA
<i>Streptanthus niger</i>	Tiburon jewelflower	.....do	.....do	E	575	NA	NA
<i>Styrax portoricensis</i>	Palo de jazmin	U.S.A. (PR)	Syracaceae	E	461	NA	NA
<i>Styrax texanus</i>	Texas snowbells	U.S.A. (TX)	.....do	E	162	NA	NA
<i>Suaeda californica</i>	Seablite, California	U.S.A. (CA)	Chenopodiaceae	E	567	NA	NA
<i>Swallenia alexandriae</i>	Eureka Dune grass	.....do	Poaceae	E	39	NA	NA
<i>Taraxacum californicum</i>	California taraxacum	.....do	Asteraceae	E	644	17.96(a)	NA
<i>Tenstroemia luquillensis</i>	Palo Colorado	U.S.A. (PR)	Theaceae	E	461	NA	NA
<i>Tenstroemia subsessilis</i>	None	.....do	.....do	E	461	NA	NA
<i>Tetramolopium arenarium</i>	None	U.S.A. (HI)	Asteraceae	E	532	NA	NA
<i>Tetramolopium capillare</i>	Pamakani	.....do	.....do	E	555	17.99(e)(1)	NA
<i>Tetramolopium filiforme</i>	None	.....do	.....do	E	448	17.99(f)	NA
<i>Tetramolopium leptodictum</i> ssp. <i>leptodictum</i>	.....do	.....do	.....do	E	448	17.99(f)	NA
<i>Tetramolopium rennyi</i>	.....do	.....do	.....do	E	435	17.96(b) and 17.99(e)(1)	NA
<i>Tetramolopium rockii</i>	.....do	.....do	.....do	E	480	17.99(c)	NA
<i>Tetraplasandra bisattenuata</i>	No common name	.....do	Araliaceae	T	765	17.99(a)	NA
<i>Tetraplasandra flynii</i>	.....do	.....do	.....do	E	765	17.99(a)	NA
<i>Tetraplasandra gymnocarpa</i>	Oheohe	.....do	.....do	E	536	17.99(f)	NA
<i>Thalictrum cooleyi</i>	Cooley's meadowrue	U.S.A. (FL, NC)	Ranunculaceae	E	344	NA	NA
<i>Thelypodium howellii</i> ssp. <i>spectabilis</i>	Howell's spectaculuar thelypody	U.S.A. (OR)	Brassicaceae	T	662	NA	NA
<i>Thelypodium stenopetalum</i>	Slender-petaled mustard	U.S.A. (CA)	.....do	E	158	NA	NA
<i>Thlaspi californicum</i>	Kneeland Prairie penny-cress	.....do	Mustard	E	684	17.96(a)	NA
<i>Thymophylla leptroleuca</i>	Ashy dogweed	U.S.A. (TX)	Asteraceae	E	162	NA	NA
<i>Thysanocarpus concinnifolius</i>	Santa Cruz Island fringepod	U.S.A. (CA)	Brassicaceae	E	623	NA	NA
<i>Townsendia aptica</i>	Last Chance townsendia	U.S.A. (UT)	Asteraceae	T	200	NA	NA
<i>Trematolobelia singularis</i>	None	U.S.A. (HI)	Campanulaceae	E	591	17.99(f)	NA
<i>Trichilia triacantha</i>	Barriaco	U.S.A. (PR)	Meliaceae	E	303	NA	NA

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<i>Trichostema austromontanum</i> ssp. compactum	Hidden Lake bluecurls	U.S.A. (CA)	Lamiaceae	T	644	NA	NA
<i>Trifolium amoenum</i>	Showy Indian clover	U.S.A. (AR, IL, IN, KS, KY, MO, OH, WV)	Fabaceae	E	625	NA	NA
<i>Trifolium stoloniferum</i>	Running buffalo clover	U.S.A. (CA)	.....do	E	270	NA	NA
<i>Trifolium trichocalyx</i>	Monterey clover	U.S.A. (CA)	.....do	E	640	NA	NA
<i>Trillium persistens</i>	Persistent trillium	U.S.A. (GA, SC)	Liliaceae	E	39	NA	NA
<i>Trillium reliquum</i>	Relict trillium	U.S.A. (AL, GA, SC)	.....do	E	306	NA	NA
<i>Tuctoria greenii</i>	Greene's tuctoria	U.S.A. (CA)	Poaceae	T	611	17.96(a)	NA
<i>Tuctoria mucronata</i>	Solano grass	U.S.A. (HI)	.....do	T	44	17.96(a)	NA
<i>Uretra kaalae</i>	Opune	U.S.A. (CA)	Urticaceae	E	448	17.99(f)	NA
<i>Verbena californica</i>	Red Hills vervain	U.S.A. (CA)	Verbenaceae	T	644	NA	NA
<i>Verbena dissita</i>	Big-leaved crownbeard	U.S.A. (CA, Mexico)	Asteraceae	T	589	NA	NA
<i>Vernonia proctorii</i>	None	U.S.A. (PR)	.....do	E	501	NA	NA
<i>Vicia menziesii</i>	Hawaiian vetch	U.S.A. (HI)	Fabaceae	E	39	NA	NA
<i>Vigna o-wahuensis</i>	None	U.S.A. (HI)	.....do	E	559	17.99(e)(1), (f), and (k)	NA
<i>Viola chamissoniana</i> ssp. chamissoniana	Pamakani	.....do	Violaceae	E	448	17.99(f)	NA
<i>Viola helenae</i>	None	.....do	.....do	E	436	17.99(a)(1)	NA
<i>Viola kauaiensis</i> var. wahiawaensis	Nani waiialeale	.....do	.....do	E	590	17.99(a)(1)	NA
<i>Viola lanaiensis</i>	None	.....do	.....do	E	435	NA	NA
<i>Viola oahuensis</i>	.....do	.....do	.....do	E	591	17.99(f)	NA
<i>Warea amplexifolia</i>	Wide-leaf warea	U.S.A. (FL)	Brassicaceae	E	266	NA	NA
<i>Warea carteri</i>	Carter's mustard	.....do	.....do	E	256	NA	NA
<i>Wilkesia hobbii</i>	Dwarfliana	U.S.A. (HI)	Asteraceae	E	473	17.99(a)(1)	NA
<i>Xylosma crenatum</i>	None	.....do	Flacourtiaceae	E	464	17.99(a)(1)	NA
<i>Xyris tennesseensis</i>	Tennessee yellow-eyed grass	U.S.A. (AL, GA, TN)	Xyridaceae	E	430	NA	NA
<i>Yermo xanthocephalus</i>	Desert yellowhead	U.S.A. (WY)	Asteraceae—Sunflower	T	723	17.96(a)	NA
<i>Zanthoxylum dipetalum</i> var. tomentosum	Ae	U.S.A. (HI)	Rutaceae	E	595	17.99(k)	NA
<i>Zanthoxylum hawaiiense</i>	.....do	.....do	.....do	E	532	17.99(a)(1), (c), and (e)(1)	NA
<i>Zanthoxylum thomsonianum</i>	St. Thomas prickly-ash	U.S.A. (PR, VI)	.....do	E	213	NA	NA
<i>Zizania texana</i>	Texas wild-rice	U.S.A. (TX)	Poaceae	E	39	17.96(a)	NA
<i>Ziziphium celata</i>	Florida ziziphus	U.S.A. (FL)	Rhamnaceae	E	356	NA	NA
CONIFERS							
<i>Abies guatemalensis</i>	Guatemalan fir (=pinabete)	Mexico, Guatemala, Honduras, El Salvador	Pinaceae	T	84	NA	NA
<i>Cupressus abramsiana</i>	Santa Cruz cypress	U.S.A. (CA)	Cupressaceae	E	252	NA	NA
<i>Cupressus goveniana</i> ssp. goveniana	Gowen cypress	.....do	.....do	T	640	NA	NA
<i>Fitzroya cupressoides</i>	Alerce or Chilean false larch	Chile, Argentina	.....do	T	79	NA	NA
<i>Torreya taxifolia</i>	Florida torreyia	U.S.A. (FL, GA)	Taxaceae	E	140	NA	NA

Species		Common name	Historic range	Family	Status	When listed	Critical habitat	Special rules
Scientific name								
FERNS AND ALLIES								
<i>Adenophorus periersi</i>		Pendent kith fern	U.S.A. (HI)	Grammitidaceae	E	559	17.99(a)(1), (c), (f), and (k)	NA
<i>Adiantum viviparum</i>		None	U.S.A. (PR)	Adiantaceae	E	504	NA	NA
<i>Asplenium fragile</i> var. <i>insulare</i>		.....do	U.S.A. (HI)	Aspleniaceae	E	553	17.99(e)(1) and (k)	NA
<i>Asplenium scolopendrium</i> var. <i>americanum</i>		American hart's-tongue fern	U.S.A. (AL, MI, NY, TN), Canada (Ont.)	.....do	T	354	NA	NA
<i>Cientis squamigera</i>		Paoua	U.S.A. (HI)	.....do	E	553	17.99(a)(1), (c), (e)(1), and (f)	NA
<i>Cyathea dryopteroides</i>		Ellin tree fern	U.S.A. (PR)	Cyatheaceae	E	277	NA	NA
<i>Diellia erecta</i>		Asplenium-leaved diellia	U.S.A. (HI)	Aspleniaceae	E	559	17.99(a)(1), (c), (e)(1), (f), and (k)	NA
<i>Diellia felcata</i>		None	.....do	.....do	E	448	17.99(f)	NA
<i>Diellia mannii</i>		No common name	.....do	.....do	E	765	17.99(a)	NA
<i>Diellia pallida</i>		None	.....do	.....do	E	530	17.99(a)(1)	NA
<i>Diellia unisora</i>		.....do	.....do	.....do	E	541	17.99(f)	NA
<i>Diplazium molekaiense</i>		.....do	.....do	.....do	E	553	17.99(a)(1), (c), (e)(1), and (f)	NA
<i>Doryopteris angelica</i>		No common name	.....do	Pteridaceae	E	765	17.99(a)	NA
<i>Dryopteris crinalis</i> var. <i>podosorus</i>		Palapalai aumakua	.....do	Dryopteridaceae	E	765	17.99(a)	NA
<i>Elaphoglossum serpens</i>		None	U.S.A. (PR)	Lomariopsidaceae	E	504	NA	NA
<i>Huperzia</i> (= <i>Phegmarium</i> , = <i>Lycopodium</i>) <i>mannii</i>		Wawae'ole	U.S.A. (HI)	Lycopodiaceae	E	467	NA	NA
<i>Iscoetes louisianensis</i>		Louisiana quillwort	U.S.A. (LA, MS)	Iscoetaceae	E	482	NA	NA
<i>Iscoetes melanospora</i>		Black-spored quillwort	U.S.A. (GA, SC)	.....do	E	302	NA	NA
<i>Iscoetes tegetiformans</i>		Mat-forming quillwort	U.S.A. (GA)	.....do	E	302	NA	NA
<i>Marsilea villosa</i>		Ihiihi	U.S.A. (HI)	Marsileaceae	E	474	17.99(f)	NA
<i>Phegmarium</i> (= <i>Lycopodium</i> , = <i>Huperzia</i>) <i>mannii</i>		Wawae'ole	.....do	Lycopodiaceae	E	467	17.99(e)(1)	NA
<i>Phegmarium nutans</i>		.....do	.....do	.....do	E	536	17.99(a)(1) and (f)	NA
<i>Polystichum aleuticum</i>		Aleutian shield-fern	U.S.A. (AK)	Dryopteridaceae	E	305	NA	NA
<i>Polystichum calderonense</i>		None	U.S.A. (PR)	.....do	E	504	NA	NA
<i>Pteris ligataei</i>		None	.....do	Adiantaceae	E	553	17.99(c), (e)(1), and (f)	NA
<i>Tectaria estremera</i>		.....do	.....do	Dryopteridaceae	E	504	NA	NA
<i>Thelypteris mabonensis</i>		.....do	.....do	Thelypteridaceae	E	506	NA	NA
<i>Thelypteris pilosa</i> var. <i>alabamensis</i>		Alabama streak-sorus fern	U.S.A. (AL)	.....do	T	476	NA	NA
<i>Thelypteris verucunda</i>		None	U.S.A. (PR)	.....do	E	506	NA	NA

<i>Thelypteris yaucoensis</i> .....	.....do .....	.....do .....	.....do	E	506	NA	NA
LICHENS							
<i>Cladonia perforata</i>	Florida perforate cladonia	U.S.A. (FL) .....	.....do	E	500	NA	NA
<i>Gymmoderma lineare</i>	Rock gnome lichen	U.S.A. (NC,TN)	Cladoniaceae	E	572	NA	NA
			.....do				

Symbols used in the "when listed" column:
 D—Indicates FR where species was Delisted; relisting of the species is indicated by subsequent number(s).
 E—Indicates Emergency rule publication (see FR document for effective dates); subsequent number(s) indicate FR final rule, if applicable, under "When listed".

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- 26—42 FR 40685; August 11, 1977.
39—43 FR 17916; April 26, 1978.
44—43 FR 44811; September 28, 1978.
47—44 FR 24250; April 24, 1979.
49—44 FR 32605; June 6, 1979.
53—44 FR 43701; July 25, 1979.
56—44 FR 54923; September 21, 1979.
57—44 FR 56863; October 2, 1979.
58—44 FR 58868; October 11, 1979.
59—44 FR 58870; October 11, 1979.
61—44 FR 61556; October 25, 1979.
62—44 FR 61558; October 25, 1979.
63—44 FR 61786; October 26, 1979.
64—44 FR 61788; October 26, 1979.
65—44 FR 61911; October 26, 1979.
66—44 FR 61913; October 26, 1979.
67—44 FR 61917; October 26, 1979.
68—44 FR 61920; October 26, 1979.
69—44 FR 61924; October 26, 1979.
70—44 FR 61927; October 26, 1979.
71—44 FR 61929; October 26, 1979.
72—44 FR 62246; October 29, 1979.
73—44 FR 62469; October 30, 1979.
74—44 FR 62471; October 30, 1979.
75—44 FR 62474; October 30, 1979.
76—44 FR 64247; November 6, 1979.
77—44 FR 64250; November 6, 1979.
78—44 FR 64252; November 6, 1979.
79—44 FR 64733; November 7, 1979.
80—44 FR 64738; November 7, 1979.
81—44 FR 64740; November 7, 1979.
82—44 FR 64734; November 7, 1979.
83—44 FR 64746; November 7, 1979.
84—44 FR 65005; November 8, 1979.
89—45 FR 18929; March 24, 1980.
101—45 FR 53969; August 13, 1980.
104—45 FR 61947; September 17, 1980.
107—45 FR 69362; October 20, 1980.
109—46 FR 3186; January 13, 1981.
110—46 FR 5733; January 19, 1981.
112—46 FR 40025; August 6, 1981.
116—47 FR 19542; May 6, 1982.
118—47 FR 30443; July 13, 1982.
120—47 FR 36849; August 24, 1982.
121—47 FR 38540; September 1, 1982.
122—47 FR 38927; September 9, 1982.
126—47 FR 50885; November 10, 1982.
133—48 FR 46331; October 12, 1983.
137—48 FR 52747; November 22, 1983.
140—49 FR 2786; January 23, 1984.
141—49 FR 6102; February 17, 1984.
147—49 FR 21058; May 18, 1984.
148—49 FR 22329; May 29, 1984.
151—49 FR 28565; July 13, 1984.
152—49 FR 29234; July 19, 1984.
153—49 FR 29237; July 19, 1984.
154—49 FR 30201; July 27, 1984.
155—49 FR 31421; August 7, 1984.
158—49 FR 34500; August 31, 1984.
162—49 FR 40038; October 12, 1984.
165—49 FR 44756; November 9, 1984.
167—49 FR 47400; December 4, 1984.
172—50 FR 5758; February 12, 1985.
175—50 FR 12309; March 28, 1985.
176—50 FR 15567; April 19, 1985.
177—50 FR 16682; April 26, 1985.
178—50 FR 19373; May 8, 1985.
179—50 FR 19377; May 8, 1985.
180—50 FR 20214; May 15, 1985.
181—50 FR 20786; May 20, 1985.
187—50 FR 26572; June 27, 1985.
190—50 FR 29341; July 18, 1985.
191—50 FR 29344; July 18, 1985.
192—50 FR 29349; July 18, 1985.
194—50 FR 31190; August 1, 1985.
197—50 FR 32575; August 13, 1985.
198—50 FR 33731; August 21, 1985.
199—50 FR 33734; August 21, 1985.
200—50 FR 33737; August 21, 1985.
201—50 FR 36089; September 5, 1985.
202—50 FR 36091; September 5, 1985.
204—50 FR 37863; September 18, 1985.
207—50 FR 45624; November 1, 1985.
208—50 FR 45621; November 1, 1985.
209—50 FR 45624; November 1, 1985.
213—50 FR 51870; December 20, 1985.
214—51 FR 956; January 9, 1986.
215—51 FR 3185; January 24, 1986.
217—51 FR 6693; February 25, 1986.
218—51 FR 8683; March 13, 1986.
219—51 FR 9820; March 21, 1986.
220—51 FR 10521; March 26, 1986.
221—51 FR 10523; March 26, 1986.
225—51 FR 15906; April 29, 1986.
226—51 FR 15911; April 29, 1986.
229—51 FR 16530; May 5, 1986.
230—51 FR 17346; May 12, 1986.
231—51 FR 17974; May 16, 1986.
232—51 FR 17977; May 16, 1986.
234—51 FR 22524; June 20, 1986.
235—51 FR 23769; July 1, 1986.
237—51 FR 24672; July 8, 1986.
238—51 FR 24675; July 8, 1986.
240—51 FR 27500; July 31, 1986.
243—51 FR 34415; September 26, 1986.
244—51 FR 34419; September 26, 1986.
245—51 FR 34422; September 26, 1986.
249—51 FR 45907; December 23, 1986.
252—52 FR 679; January 8, 1987.
253—52 FR 682; January 8, 1987.
254—52 FR 784; January 9, 1987.
255—52 FR 1462; January 14, 1987.
256—52 FR 2234; January 21, 1987.
257—52 FR 4910; February 18, 1987.
259—52 FR 6651; March 4, 1987.
260—52 FR 7426; March 11, 1987.
264—52 FR 11175; April 7, 1987.
266—52 FR 15505; April 29, 1987.
270—52 FR 21480; June 5, 1987.
271—52 FR 21484; June 5, 1987.
274—52 FR 22589; June 12, 1987.
275—52 FR 22933; June 16, 1987.
276—52 FR 22936; June 16, 1987.
277—52 FR 22939; June 16, 1987.
285—52 FR 32929; September 1, 1987.
286—52 FR 34917; September 16, 1987.
291—52 FR 36270; September 28, 1987.
293—52 FR 37420; October 6, 1987.
295—52 FR 41440; October 28, 1987.
297—52 FR 42071; November 2, 1987.
298—52 FR 42657; November 6, 1987.
300—52 FR 44401; November 19, 1987.
301—52 FR 46087; December 4, 1987.
302—53 FR 3565; February 5, 1988.

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- 303—53 FR 3567; February 5, 1988.
 305—53 FR 4629; February 17, 1988.
 306—53 FR 10884; April 4, 1988.
 307—53 FR 11612; April 7, 1988.
 308—53 FR 11615; April 7, 1988.
 309—53 FR 23742; June 23, 1988.
 310—53 FR 23745; June 23, 1988.
 311—53 FR 23748; June 23, 1988.
 314—53 FR 27137; July 18, 1988.
 315—53 FR 27141; July 18, 1988.
 318—53 FR 32827; August 26, 1988.
 319—53 FR 32830; August 26, 1988.
 321—53 FR 33996; September 1, 1988.
 324—53 FR 34701; September 7, 1988.
 325—53 FR 34705; September 7, 1988.
 326—53 FR 35080; September 9, 1988.
 329—53 FR 37972; September 28, 1988.
 330—53 FR 37975; September 28, 1988.
 331—53 FR 37978; September 28, 1988.
 332—53 FR 37982; September 28, 1988.
 333—53 FR 38451; September 30, 1988.
 335—53 FR 38456; September 30, 1988.
 339—53 FR 38474; September 30, 1988.
 341—53 FR 45861; November 14, 1988.
 343—54 FR 2134; January 19, 1989.
 344—54 FR 5938; February 7, 1989.
 346—54 FR 10154; March 10, 1989.
 347—54 FR 14967; April 14, 1989.
 352—54 FR 29658; July 13, 1989.
 353—54 FR 29663; July 13, 1989.
 354—54 FR 29730; July 14, 1989.
 355—54 FR 30554; July 21, 1989.
 356—54 FR 31196; July 27, 1989.
 360—54 FR 35305; August 24, 1989.
 362—54 FR 38947; September 21, 1989.
 363—54 FR 38950; September 21, 1989.
 367—54 FR 39857; September 28, 1989.
 368—54 FR 39863; September 28, 1989.
 373—55 FR 433; January 5, 1990.
 374—55 FR 4157; February 6, 1990.
 375—55 FR 4159; February 6, 1990.
 379—55 FR 12790; April 5, 1990.
 380—55 FR 12793; April 5, 1990.
 381—55 FR 12797; April 5, 1990.
 385—55 FR 13491; April 10, 1990.
 386—55 FR 13911; April 13, 1990.
 389—55 FR 24246; June 15, 1990.
 392—55 FR 25599; June 21, 1990.
 395—55 FR 29370; July 19, 1990.
 397—55 FR 32255; August 8, 1990.
 398—55 FR 32257; August 8, 1990.
 402—55 FR 39864; September 28, 1990.
 403—55 FR 39867; September 28, 1990.
 406—55 FR 49050; November 26, 1990.
 409—55 FR 50187; December 5, 1990.
 413—56 FR 1454; January 14, 1991.
 414—56 FR 1457; January 14, 1991.
 418—56 FR 1936; January 18, 1991.
 420—56 FR 16024; April 19, 1991.
 422—56 FR 19959; May 1, 1991.
 424—56 FR 21091; May 7, 1991.
 425—56 FR 21096; May 7, 1991.
 429—56 FR 32983; July 18, 1991.
 430—56 FR 34154; July 26, 1991.
 434—56 FR 46239; September 11, 1991.
 435—56 FR 47694; September 20, 1991.
 436—56 FR 47699; September 20, 1991.
 437—56 FR 48751; September 26, 1991.
 438—56 FR 48755; September 26, 1991.
 439—56 FR 49636; September 30, 1991.
 440—56 FR 49639; September 30, 1991.
 441—56 FR 49643; September 30, 1991.
 445—56 FR 49853; October 2, 1991.
 448—56 FR 55785; October 29, 1991.
 450—56 FR 57849; November 14, 1991.
 451—56 FR 60937; November 29, 1991.
 452—56 FR 60940; November 29, 1991.
 453—56 FR 61182; December 2, 1991.
 457—57 FR 1403; January 14, 1992.
 458—57 FR 2053; January 17, 1992.
 460—57 FR 14653; April 22, 1992.
 461—57 FR 14785; April 22, 1992.
 463—57 FR 19819; May 8, 1992.
 464—57 FR 20588; May 13, 1992.
 465—57 FR 20592; May 13, 1992.
 466—57 FR 20595; May 13, 1992.
 467—57 FR 20787; May 15, 1992.
 468—57 FR 21564; May 20, 1992.
 470—57 FR 21574; May 20, 1992.
 471—57 FR 24199; June 8, 1992.
 472—57 FR 27858; June 22, 1992.
 473—57 FR 27863; June 22, 1992.
 474—57 FR 27867; June 22, 1992.
 476—57 FR 30168; July 8, 1992.
 478—57 FR 44708; September 29, 1992.
 480—57 FR 46339; October 8, 1992.
 481—57 FR 46344; October 8, 1992.
 482—57 FR 48747; October 28, 1992.
 490—58 FR 8242; February 12, 1993.
 491—58 FR 11552; February 26, 1993.
 497—58 FR 18035; April 7, 1993.
 498—58 FR 18041; April 7, 1993.
 500—58 FR 25754; April 27, 1993.
 501—58 FR 25758; April 27, 1993.
 504—58 FR 32311; June 9, 1993.
 506—58 FR 35891; July 2, 1993.
 507—58 FR 37443; July 12, 1993.
 509—58 FR 40547; July 28, 1993.
 510—58 FR 40551; July 28, 1993.
 511—58 FR 41383; August 3, 1993.
 512—58 FR 41391; August 3, 1993.
 515—58 FR 49879; September 23, 1993.
 519—58 FR 52030; October 6, 1993.
 521—58 FR 53807; October 18, 1993.
 523—58 FR 62050; November 24, 1993.
 524—58 FR 68480; December 27, 1993.
 528—59 FR 5510; February 4, 1994.
 529—59 FR 8141; February 18, 1994.
 530—59 FR 9327; February 25, 1994.
 531—59 FR 9937; March 2, 1994.
 532—59 FR 10324; March 4, 1994.
 535—59 FR 13840; March 23, 1994.
 536—59 FR 14493; March 28, 1994.
 541—59 FR 32937; June 27, 1994.
 542—59 FR 35864; July 14, 1994.
 544—59 FR 42176; August 17, 1994.
 547—59 FR 43652; August 24, 1994.
 548—59 FR 43664; August 24, 1994.
 551—59 FR 46718; September 9, 1994.
 553—59 FR 49031; September 26, 1994.
 555—59 FR 49863; September 30, 1994.
 556—59 FR 50857; October 6, 1994.
 558—59 FR 56333; November 10, 1994.
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560–59 FR 59177; November 16, 1994.
 564–59 FR 60568; November 25, 1994.
 565–59 FR 62352; December 05, 1994.
 567–59 FR 64623; December 15, 1994.
 570–60 FR 61; January 3, 1995.
 572–60 FR 3562; January 18, 1995.
 575–60 FR 6684; February 3, 1995.
 578–60 FR 12486; March 7, 1995.
 581–61 FR 10697; March 15, 1996.
 584–61 FR 31058; June 19, 1996.
 586–61 FR 41023; August 7, 1996.
 587–61 FR 43184; August 21, 1996.
 589–61 FR 52384; October 7, 1996.
 590–61 FR 53088; October 10, 1996.
 591–61 FR 53107; October 10, 1996.
 592–61 FR 53123; October 10, 1996.
 593–61 FR 53130; October 10, 1996.
 594–61 FR 53137; October 10, 1996.
 595–61 FR 53152; October 10, 1996.
 596–61 FR 54358; October 18, 1996.
 599–61 FR 67497; December 23, 1996.
 600–62 FR 689; January 6, 1997.
 601–62 FR 1647; January 10, 1997.
 603–62 FR 1694; January 13, 1997.
 606–62 FR 4182; January 29, 1997.
 609–62 FR 5551; February 6, 1997.
 611–62 FR 14351; March 26, 1997.
 615–62 FR 31748; June 11, 1997.
 619–62 FR 33037; June 18, 1997.
 620–62 FR 33373; June 19, 1997.
 623–62 FR 40973; July 31, 1997.
 624–62 FR 42702; August 8, 1997.
 625–62 FR 54807; October 22, 1997.
 627–62 FR 61925; November 20, 1997.
 635–63 FR 19849; April 22, 1998.
 640–63 FR 43115; August 12, 1998.
 641–63 FR 44594; August 20, 1998.
 643–63 FR 49034; September 14, 1998.
 644–63 FR 49021; September 14, 1998.
 647–63 FR 53615; October 6, 1998.
 648–63 FR 54970; October 13, 1998.
 649–63 FR 54956; October 13, 1998.
 650–63 FR 54994; October 13, 1998.
 652–63 FR 59244; November 3, 1998.
 657–64 FR 13120; March 17, 1999.
 661–64 FR 28412; May 26, 1999.
 662–64 FR 28403; May 26, 1999.
 663–64 FR 28392; May 26, 1999.
 666–64 FR 48323; September 3, 1999.
 667–64 FR 56590; October 20, 1999.
 668–64 FR 56596; October 20, 1999.
 671–64 FR 63752; November 22, 1999.
 672–64 FR 69203; December 10, 1999.

673–64 FR 71687; December 22, 1999.
 678–65 FR 3875; January 25, 2000.
 679–65 FR 3890; January 25, 2000.
 681–65 FR 4162; January 26, 2000.
 683–65 FR 5275; February 3, 2000.
 684–65 FR 6338; February 9, 2000.
 685–65 FR 7764; February 16, 2000.
 689–65 FR 14887; March 20, 2000.
 690–65 FR 14909; March 20, 2000.
 691–65 FR 14897; March 20, 2000.
 704–65 FR 62310; October 18, 2000.
 708–66 FR 27908; May 21, 2001.
 711–66 FR 49567; September 28, 2001.
 712–66 FR 51606; October 10, 2001.
 720–67 FR 1668; January 14, 2002.
 721–67 FR 3125; January 23, 2002.
 722–67 FR 5525; February 6, 2002.
 723–67 FR 11449; March 14, 2002.
 727–67 FR 44382; July 2, 2002.
 733–67 FR 68015; November 7, 2002.
 736–68 FR 16988; April 8, 2003.
 739–68 FR 59344; October 15, 2003.
 742–69 FR 18506; April 8, 2004.
 762–74 FR 11327; March 17, 2009.
 765–74 FR 52063; October 8, 2009.
 780–75 FR 55688; September 14, 2010.
 792–77 FR 48404; August 13, 2012.

EDITORIAL NOTES 1. For FEDERAL REGISTER citations affecting the table in §17.12(h), see the listing above.

2. For FEDERAL REGISTER citations affecting §17.12, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

EFFECTIVE DATE NOTE 1: At 77 FR 54450, Sept. 5, 2012, §17.12(h), the List of Endangered and Threatened Plants, was amended under FLOWERING PLANTS by adding an entry in alphabetical order for “*Arctostaphylos franciscana*” (Franciscan manzanita), effective Oct. 5, 2012. For the convenience of the user, the added text is set forth as follows:

§ 17.12 Endangered and threatened plants.

* * * * *

(h) * * *

Species		Historic range	Family	Status	When listed	Critical habitat	Special rules
Scientific name	Common name						
FLOWERING PLANTS							
*	*	*	*	*	*	*	*
<i>Arctostaphylos franciscana</i> .	Franciscan manzanita.	U.S.A., (CA)	Ericaceae	E	809	NA	NA
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*

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EFFECTIVE DATE NOTE 2: At 77 FR 57745, Sept. 18, 2012, §17.12(h), the List of Endangered and Threatened Plants, was amended under FLOWERING PLANTS: by removing the entries for *Alsinidendron obovatum*, *Alsinidendron trinerve*, *Chamaesyce skottsbergii* var. *kalaeloana*, *Hedyotis coriacea*, *Hedyotis degeneri*, *Hedyotis parvula*, *Lipochaeta tenuifolia*, and *Mariscus pennatiformis*; by revising the entry for *Achyranthes splendens* var. *rotundata*; and by adding entries in alphabetical order for *Bidens amplexans*, *Chamaesyce skottsbergii* var. *skottsbergii*, *Cyanea calycina*, *Cyanea lanceolata*, *Cyanea purpurellifolia*, *Cyperus pennatiformis*, *Cyrtandra gracilis*, *Cyrtandra kaulantha*, *Cyrtandra sessilis*, *Cyrtandra waiolani*, *Kadua coriacea*, *Kadua degeneri*, *Kadua parvula*, *Korthalsella degeneri*, *Melanthera tenuifolia*, *Melicope christophersenii*, *Melicope hiiakae*,

Melicope makahae, *Platydesma cornuta* var. *cornuta*, *Platydesma cornuta* var. *decurrens*, *Pleomele forbesii*, *Psychotria hexandra* ssp. *oahuensis*, *Pteralyxia macrocarpa*, *Schiedea obovata*, *Schiedea trinervis*, *Tetraplasandra lydgatei*, and *Zanthoxylum oahuense*; and under FERNS AND ALLIES: by removing the entry for *Phlegmariurus nutans*; and by adding entries for *Doryopteris takeuchii* and *Huperzia nutans* in alphabetical order, effective Oct. 18, 2012. For the convenience of the user, the added and revised text is set forth as follows:

§ 17.12 Endangered and threatened plants.

* * * * *
(h) * * *

Species		Historic range	Family	Status	When listed	Critical habitat	Special rules
Scientific name	Common name						
FLOWERING PLANTS							
* <i>Achyranthes splendens</i> var. <i>rotundata</i> .	* Round-leaved chaff flower.	* U.S.A. (HI)	* Amaranthaceae	E	* 220	* 17.99(i)	* NA
* <i>Bidens amplexans</i> .	* Kookoolau	* U.S.A. (HI)	* Asteraceae	E	* 806	* 17.99(i)	* NA
* <i>Chamaesyce skottsbergii</i> var. <i>skottsbergii</i> .	* Ewa plains akoko.	* U.S.A. (HI)	* Euphorbiaceae	E	* 120	* 17.99(i)	* NA
* <i>Cyanea calycina</i>	* Haha	* U.S.A. (HI)	* Campanulaceae	E	* 806	* 17.99(i)	* NA
* <i>Cyanea lanceolata</i> .	* Haha	* U.S.A. (HI)	* Campanulaceae	E	* 806	* 17.99(i)	* NA
* <i>Cyanea purpurellifolia</i> .	* Haha	* U.S.A. (HI)	* Campanulaceae	E	* 806	* 17.99(i)	* NA
* <i>Cyperus pennatiformis</i> .	* None	* U.S.A. (HI)	* Cyperaceae	E	* 559	* 17.99(a)(1), (e)(1), (g), and (i)	* NA
* <i>Cyrtandra gracilis</i> .	* Haiwale	* U.S.A. (HI)	* Gesneriaceae ..	E	* 806	* 17.99(i)	* NA
* <i>Cyrtandra kaulantha</i> .	* Haiwale	* U.S.A. (HI)	* Gesneriaceae ..	E	* 806	* 17.99(i)	* NA
* <i>Cyrtandra sessilis</i> .	* Haiwale	* U.S.A. (HI)	* Gesneriaceae ..	E	* 806	* 17.99(i)	* NA
* <i>Cyrtandra waiolani</i> .	* Haiwale	* U.S.A. (HI)	* Gesneriaceae ..	E	* 806	* 17.99(i)	* NA

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Species		Historic range	Family	Status	When listed	Critical habitat	Special rules
Scientific name	Common name						
*	*	*	*	*	*	*	*
<i>Kadua coriacea</i>	Kioele	U.S.A. (HI)	Rubiaceae	E	467	17.99(e)(1) and (i)	NA
*	*	*	*	*	*	*	*
<i>Kadua degeneri</i>	None	U.S.A. (HI)	Rubiaceae	E	448	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Kadua parvula</i> ...	None	U.S.A. (HI)	Rubiaceae	E	448	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Korthalsella degeneri.</i>	Hulumoa	U.S.A. (HI)	Viscaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Melanthera tenuifolia.</i>	Nehe	U.S.A. (HI)	Asteraceae	E	448	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Melicope christopherse-nii.</i>	Alani	U.S.A. (HI)	Rutaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Melicope hiiakae</i>	Alani	U.S.A. (HI)	Rutaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Melicope makahae.</i>	Alani	U.S.A. (HI)	Rutaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Platydesma cornuta</i> var. <i>cornuta.</i>	None	U.S.A. (HI)	Rutaceae	E	806	17.99(i)	NA
<i>Platydesma cornuta</i> var. <i>decurrens.</i>	None	U.S.A. (HI)	Rutaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Pleomele forbesii.</i>	Hala pepe	U.S.A. (HI)	Asparagaceae ..	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Psychotria hexandra</i> ssp. <i>oahuensis.</i>	Kopiko	U.S.A. (HI)	Rubiaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Pteralyxia macrocarpa.</i>	Kaulu	U.S.A. (HI)	Apocynaceae ...	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Schiedea obovata.</i>	None	U.S.A. (HI)	Caryophyllacea-e.	E	448	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Schiedea trinervis.</i>	None	U.S.A. (HI)	Caryophyllacea-e.	E	448	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Tetraplasandra lydgatei.</i>	None	U.S.A. (HI)	Araliaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Zanthoxylum oahuense.</i>	Ae	U.S.A. (HI)	Rutaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
FERNS AND ALLIES							

Species		Historic range	Family	Status	When listed	Critical habitat	Special rules
Scientific name	Common name						
*	*	*	*	*	*	*	*
<i>Doryopteris takeuchii</i>	None	U.S.A. (HI)	Pteridaceae	E	806	17.99(i)	NA
*	*	*	*	*	*	*	*
<i>Huperzia nutans</i>	Wawaeiole	U.S.A. (HI)	<i>Lycopodiaceae</i>	E	467	17.99(e)(1) and (i)	NA
*	*	*	*	*	*	*	*

Subpart C—Endangered Wildlife

§ 17.21 Prohibitions.

(a) Except as provided in subpart A of this part, or under permits issued pursuant to §17.22 or §17.23, it is unlawful for any person subject to the jurisdiction of the United States to commit, to attempt to commit, to solicit another to commit or to cause to be committed, any of the acts described in paragraphs (b) through (f) of this section in regard to any endangered wildlife.

(b) *Import or export.* It is unlawful to import or to export any endangered wildlife. Any shipment in transit through the United States is an importation and an exportation, whether or not it has entered the country for customs purposes.

(c) *Take.* (1) It is unlawful to take endangered wildlife within the United States, within the territorial sea of the United States, or upon the high seas. The high seas shall be all waters seaward of the territorial sea of the United States, except waters officially recognized by the United States as the territorial sea of another country, under international law.

(2) Notwithstanding paragraph (c)(1) of this section, any person may take endangered wildlife in defense of his own life or the lives of others.

(3) Notwithstanding paragraph (c)(1) of this section, any employee or agent of the Service, any other Federal land management agency, the National Marine Fisheries Service, or a State conservation agency, who is designated by his agency for such purposes, may, when acting in the course of his official duties, take endangered wildlife without a permit if such action is necessary to:

(i) Aid a sick, injured or orphaned specimen; or

(ii) Dispose of a dead specimen; or

(iii) Salvage a dead specimen which may be useful for scientific study; or

(iv) Remove specimens which constitute a demonstrable but nonimmediate threat to human safety, provided that the taking is done in a humane manner; the taking may involve killing or injuring only if it has not been reasonably possible to eliminate such threat by live-capturing and releasing the specimen unharmed, in a remote area.

(4) Any taking under paragraphs (c)(2) and (3) of this section must be reported in writing to the U.S. Fish and Wildlife Service, Office of Law Enforcement, 4401 North Fairfax Drive, LE-3000, Arlington, VA 22203, within five days. The specimen may only be retained, disposed of, or salvaged under directions from the Office of Law Enforcement.

(5) Notwithstanding paragraph (c)(1) of this section, any qualified employee or agent of a State Conservation Agency which is a party to a Cooperative Agreement with the Service in accordance with section 6(c) of the Act, who is designated by his agency for such purposes, may, when acting in the course of his official duties take those endangered species which are covered by an approved cooperative agreement for conservation programs in accordance with the Cooperative Agreement, provided that such taking is not reasonably anticipated to result in:

(i) The death or permanent disabling of the specimen;

(ii) The removal of the specimen from the State where the taking occurred;

(iii) The introduction of the specimen so taken, or of any progeny derived